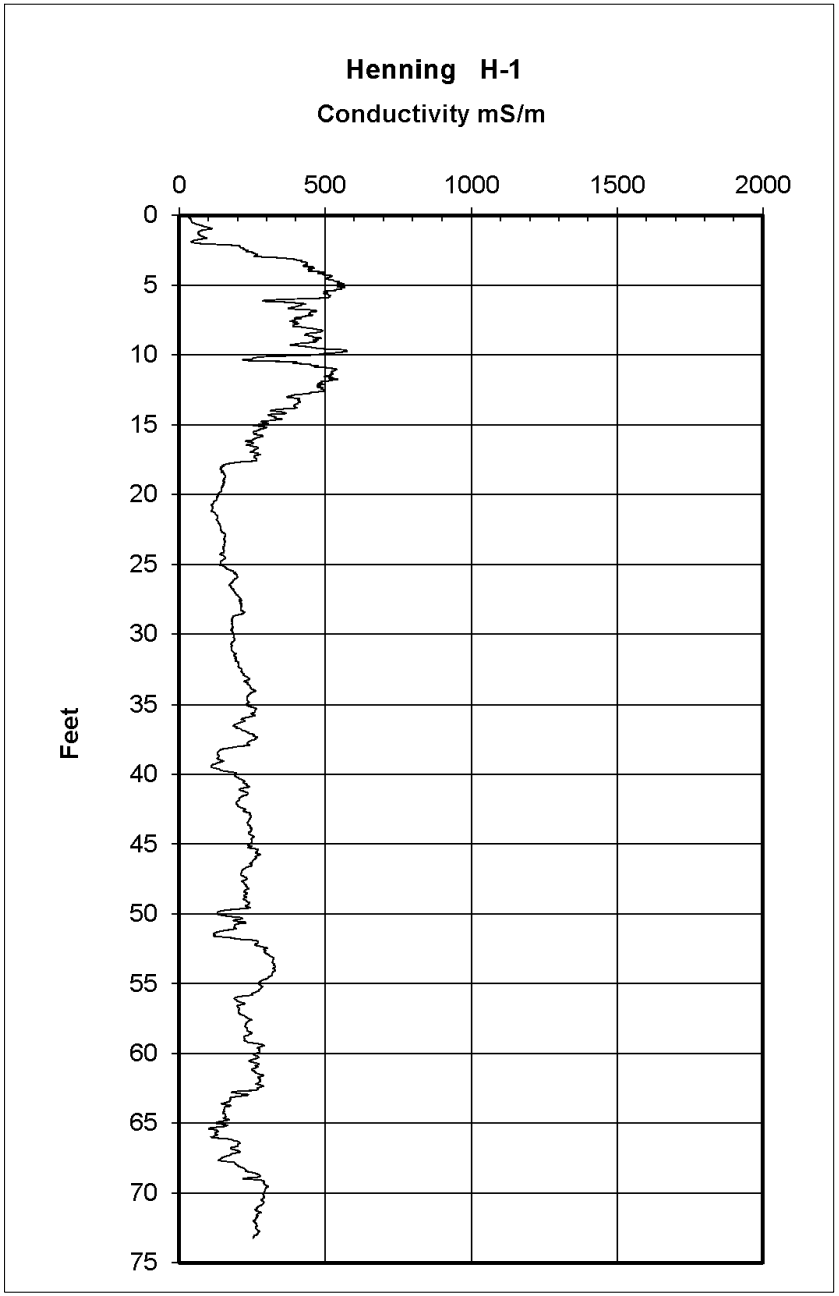
APPENDIX A
BORING LOGS



H-1

3/6/21
1.27'

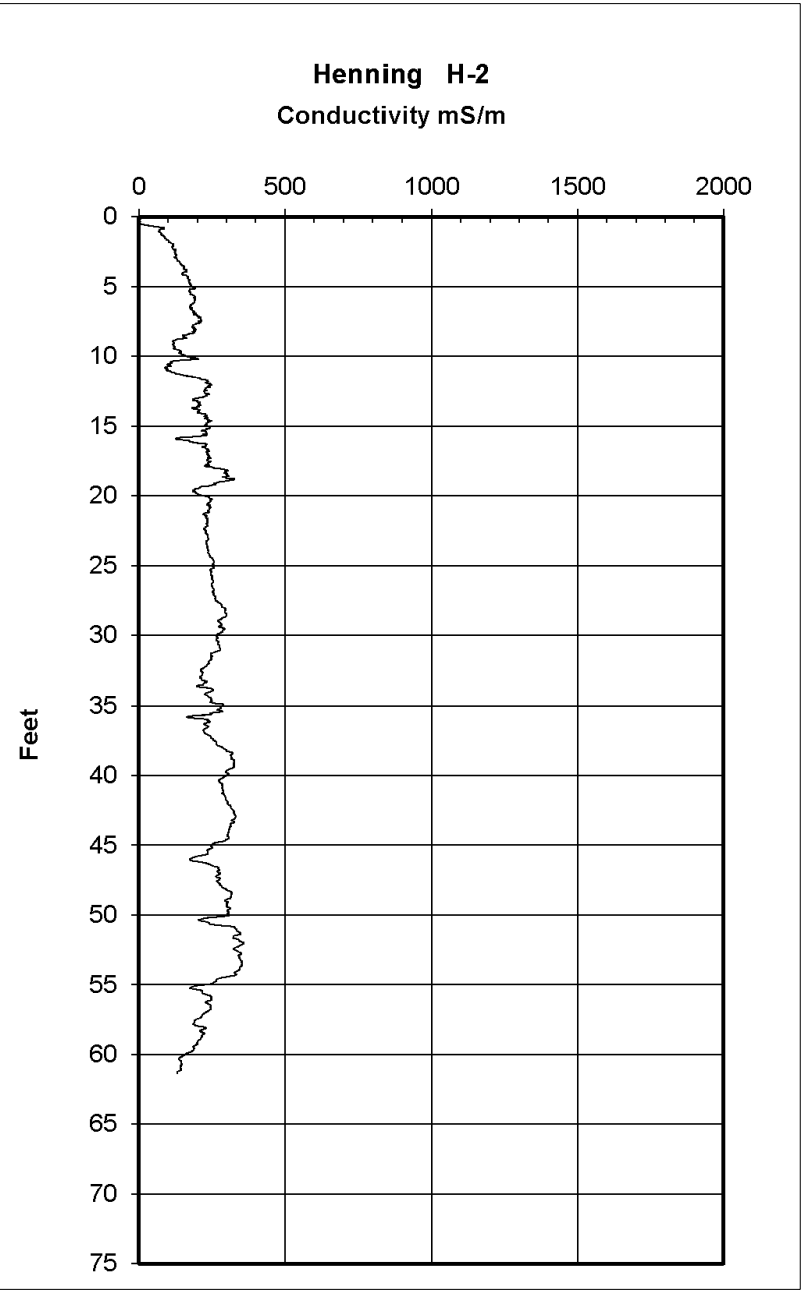
Interpreted Lithology	Well Construction	EC (mmhos/cm)	SAR (meq)	ESP (%)	Field EC (mS/cm)	PID (ppm)	Core Recovery	
		1.32	5.79	5.12	1.36	0.0		SILT top 3"; Silty CLAY dk to lt gray w Fe
					3.36	0.0		
					7.06	0.0		Silty CLAY dk to lt gray w/ Fe stains throughout, Ca @ 1-1.2',
		4.79	10.3	14.3	8.04	0.0		blk stain; fine SAND at bottom 3"
					6.29	0.0		Fine SAND @ top top 4"; CLAY w/ silt lenses 0.4-1.7',
		3.09	5.48	6.89	8.15	0.0		shell frags @ 2.4-2.9'
					7.08	0.0		CLAY w/ silt lenses, stiff, gray w/ Fe stain
					5.47	0.0		
					4.63	0.0		CLAY w/ damp silty clay lenses gray, md stiff,
					4.96	0.0		bright yellow stain @ 2.3-2.7'
					3.03	0.0		CLAY, lt. brn, Fe stain, md stiff, silty clay @ 22'
					2.65			
					2.67	0.0		
					2.55			
					2.47	0.0		Silty CLAY, damp, md soft, lt brn/gray, stiff @ bottom
					2.85			
					3.30	0.0		
					3.75			
					2.48	0.0		Silty CLAY, damp, md soft, lt brn/gray, stiff @ bottom,
					3.45			
					3.45	0.0		Fe & blk stain, siltier w/ depth; Clayey SILT @ 30', nodules
					3.06			
		1.21			3.62	0.0		CLAY, brn, Fe & blk stain, stiff; Clayey SILT @ 3.5', damp, soft
					3.99			
					2.10	0.0		
					1.95			
					2.03	0.0		Silty CLAY/ Clayey SILT increasing moisture w/ depth;
					1.91			
					2.08	0.1		Silty SAND, saturated @ 38'; CLAY @ 3.7-4.0'
					2.27			
					2.17	0.0		CLAY, brn, md stiff, Fe & blk stain
					1.60			
		0.53			0.89	0.0		
					1.96			

0 4 8 12 16 20 24 28 32 36 40 44 48 52 56 60 64

Conductivity Probe to 73' bgs.
Sample to 44' bgs.

Set 3/4" pvc well to 40' bgs. Screened 35-40' bgs. Filter sock over screen.
Native material to 33' bgs. Bentonite pellets to 30' bgs. Grout to surface.

ICON	SOIL CONDUCTIVITY PROBE / BORING LOG DIAGRAM		
Project No.	9403-010-0100	Location (UTM NAD83):	15R E 0508288 N 3327845
Cond Log Date	29OCT19	MONITORING WELL DATA	Riser Stickup: +3'
Core Sample Date	29OCT19	TD (BGS): 40'	Screened Interval (BGS): 35-40'



H-2

3/5/21
1.87'

Interpreted Lithology	Well Construction	EC (mmhos/cm)	SAR (meq)	ESP (%)	Field EC (mS/cm)	PID (ppm)	Core Recovery		
		0.38	1.42	1.14	0.97	0.0		CLAY, brn w/ Fe stain, md stiff, rocks & organics @ top 2"	0
					1.69	0.0			4
		1.02	6.43	9.06	1.91	0.0		CLAY, brn w/ Fe stain, md stiff; Silty CLAY, dk brn, md soft 0.3-1.2',	
					2.03	0.0		Fe & blk stain	8
					2.04	0.0		CLAY w/ silt lenses, lt gray w/ Fe, dk gray & soft @ 0.7-1.5',	
		0.78	4.40	3.78	1.19	0.0		shells @ 2.7-3.2'	12
					2.48	0.0		CLAY, gray w/ Fe & blk stain, stiff	
					2.41	0.0			16
					2.62	0.0		CLAY, gray, thin silt lenses throughout, Fe stains, stiff	
					3.28	0.0			20
					2.36	0.0		Silty CLAY top 4", md soft; CLAY @ 0.4', gray w/ Fe stain, stiff	
					2.04	0.0			24
					2.32	0.0		CLAY, gray, stiff	
					2.30	0.0		CLAY, gray, stiff	28
		1.43	na	na	2.27	0.0		CLAY, gray, stiff, blk nodules & stain	
					2.42	0.0			
					2.22	0.0			32
					2.24	0.0			
					2.06	0.0		CLAY, gray, stiff, blk nodules & stain;	
					2.78	0.0			
		2.26	na	na	2.77	0.0		Clayey SILT (0.8-1.5') & SILT (2-2.4'), brn & gray, Fe stain; CLAY @ 1.3'	36
									40
									44
									48
									52
									56
									60
									64

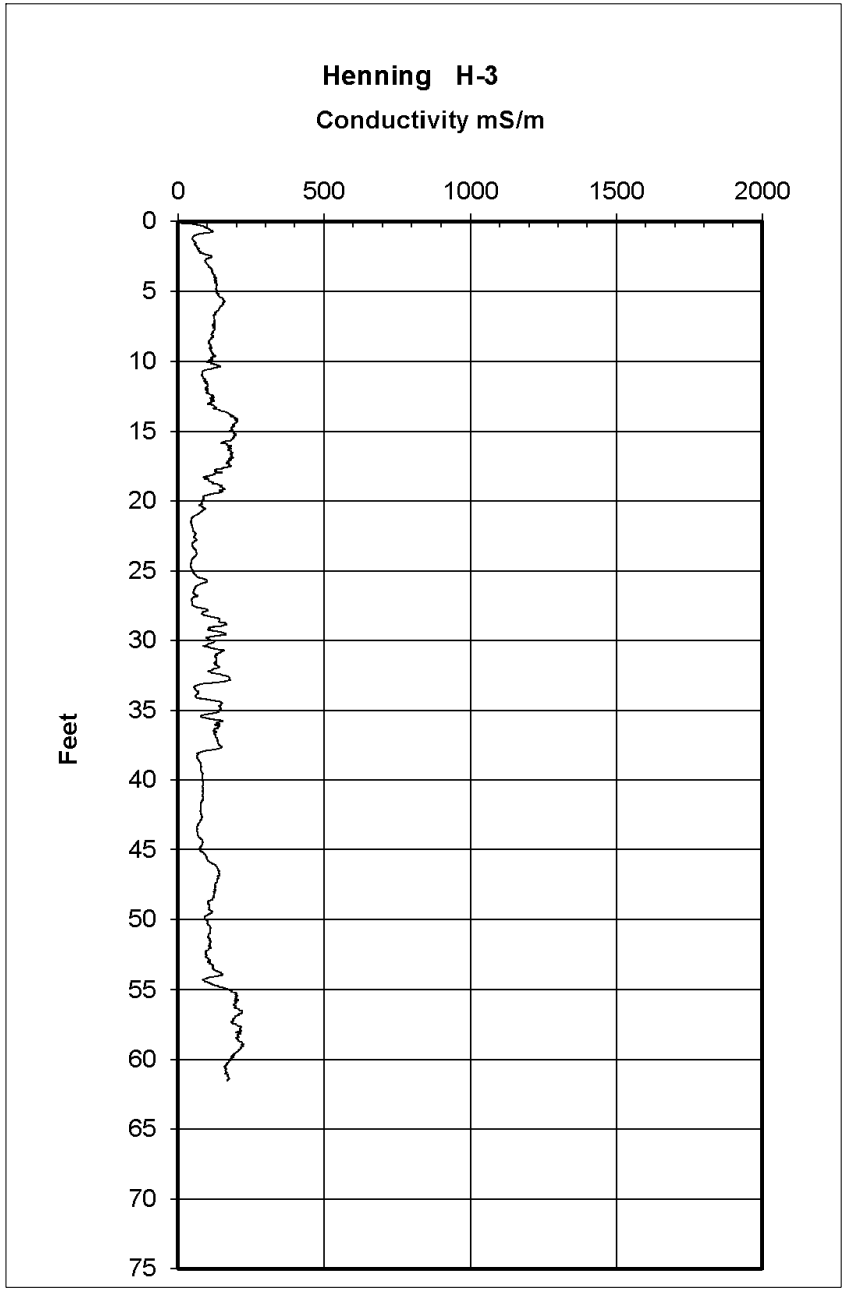
Conductivity Probe to 61' bgs.
Sample to 36' bgs.

Set 3/4" pvc well to 35' bgs. Screened 30-35' bgs. Filter sock over screen.
Native material to 32' bgs. Filter sand to 29' bgs. Bentonite pellets to 26' bgs. Grout to surface.

ICON ENVIRONMENTAL

SOIL CONDUCTIVITY PROBE / BORING LOG DIAGRAM

Project No.	9403-010-0100	Location (UTM NAD83):	15R E 0508069 N 3328239
Cond Log Date	31OCT19	MONITORING WELL DATA	Riser Stickup: 1.32'
Core Sample Date	30OCT19	TD (BGS): 35'	Screened Interval (BGS): 30-35'



H-3

3/6/21
3.54'

Interpreted Lithology	Well Construction	EC (mmhos/cm)	SAR (meq)	ESP (%)	Field EC (mS/cm)	PID (ppm)	Core Recovery	
		0.77	1.85	1.60	1.73	na		SILT top 2"; Alternating CLAY/Clayey SILT, brn, organics, Fe stain, stiff
					3.07	na		
		0.74	7.39	10.4	1.61	na		CLAY, gray/brn w/ Fe stain, soft, damp, silt @ 1' (2")
					1.69	na		
		0.20	2.42	1.87	1.83	na		CLAY, gray w/ Fe & blk stain, stiff
					1.71	na		
					1.73	na		CLAY, gray w/ Fe & blk stain, stiff
					2.30	na		
					3.82	na		CLAY, gray w/ Fe & blk stain, stiff,
					3.27	na		silt lenses throughout bottom half, gray w/ Fe & blk stain
		0.35			1.57 1.25	na		Silty CLAY to Clayey SILT, moist, gray to brn @ 1.6',
					1.14 1.20	na		saturated @ bottom half
					1.35 0.98	na		SILT, wet; Clayey SILT @ 1.5';
					0.98 1.11	na		Clay lens @ 2.4' (3") & 1.5'
					2.21 1.54	na		CLAY, brn, Fe stain, stiff
					1.10 1.50	na		CLAY, brn, Fe stain, stiff
					1.97 1.47	na		CLAY, brn, Fe stain, stiff; SILT @ 2.4', wet, brn;
					2.43	na		Clayey SILT @ 3.3'; CLAY, brn, stiff
					2.32 2.35	na		CLAY, gray w/ Fe stain, Ca nodules, CLAY
		0.24			1.25 1.07	na		

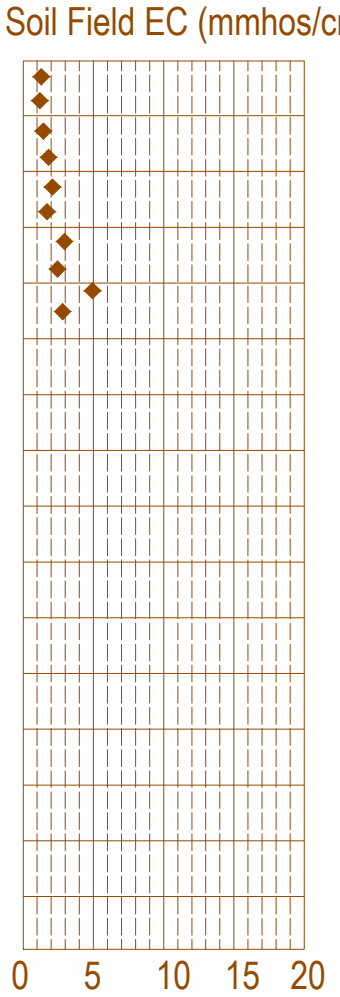
0 4 8 12 16 20 24 28 32 36 40 44 48 52 56 60 64

Conductivity Probe to 62' bgs.
Sample to 40' bgs.

Set 3/4" pvc well to 27' bgs. Screened 22-27' bgs. Filter sock over screen.
Native material to 21' bgs. Bentonite pellets to 18' bgs. Grout to surface.

ICON	SOIL CONDUCTIVITY PROBE / BORING LOG DIAGRAM	
Project No. 9403-010-0100	Location (UTM NAD83): 15R E 0509692 N 3327925	
Cond Log Date 31OCT19	MONITORING WELL DATA	Riser Stickup: 1.02'
Core Sample Date 31OCT19	TD (BGS): 27'	Screened Interval (BGS): 22-27'

H-4



Interpreted Lithology	Well Construction	EC (mmhos/cm)	SAR (meq)	ESP (%)	Field EC (mS/cm)	PID (ppm)	Core Recovery		
		0.38	1.66	1.32	1.29	0.0		SILT, top 2", wet; Silty CLAY @ 0.2', brn w/ Fe stain,	0
					1.19	0.0		md soft @ 1.9' & 2.2'	4
		0.84	7.38	6.05	1.44	0.0		CLAY, gray w/ Fe & blk stain, soft,	8
					1.81	0.0		Silty Clay lenses throughout, siltier w/ depth	
		2.56	7.22	3.69	2.09	0.0		CLAY, red/brn, Fe & blk stain, stiff, Silty Clay lens @ 0.3', Ca @ 2.3'	12
					1.70	0.0			
					2.95	0.0		CLAY, gray w/ Fe & blk stain, stiff	16
					2.45	0.0			
		0.96			4.94	0.0		CLAY, gray w/ Fe & blk stain, stiff; Silty CLAY @ 0.8', gray, md stiff,	20
					2.81			red/brn @ 2'	
								TD 18'	24
									28
									32
									36
									40
									44
									48
									52
									56
									60
									64

No Conductivity Probe.
Sample to 18' bgs.

No well set.

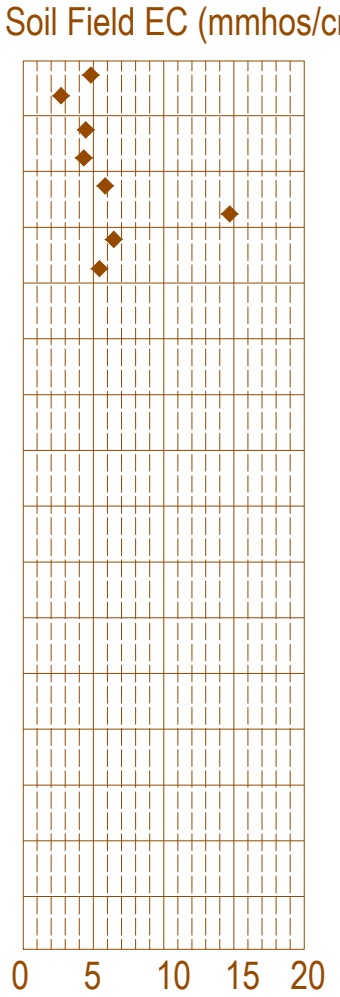
SAND | Silty SAND; Sandy SILT | SILT; Clayey SILT | Silty CLAY; CLAY

ICON

SOIL CONDUCTIVITY PROBE / BORING LOG DIAGRAM

Project No.	9403-010-0100	Location (UTM NAD83):	15R E 0509758 N 3328169
Cond Log Date	na	MONITORING WELL DATA	Riser Stickup: na
Core Sample Date	04NOV19	TD (BGS): na	Screened Interval (BGS): na

H-5



Interpreted Lithology	Well Construction	EC (mmhos/cm)	SAR (meq)	ESP (%)	Field EC (mS/cm)	PID (ppm)	Core Recovery		
		1.56	14.9	12.8	4.82	0.0		Silty CLAY, brn to gray w/ Fe stain, md soft	0
		2.56	25.2	25.8	2.70	0.0			4
					4.46	0.0		Silty CLAY, gray w/ Fe & blk stain, md soft; stiff on bottom half	
		4.95	31.3	26.1	4.32	0.0			8
		7.76	18.5	11.8	5.85	0.0		Clayey SAND, gray; CLAY @ 0.4', red/brn w/ Fe & blk stain, Ca,	
		11.1	11.7	18.3	14.7	0.0		silty Muck @ 2.8' (2")	12
					6.45	0.0		CLAY, blue-gray & Fe stain, stiff	
		7.82			5.43	0.0			16
									20
									24
									28
									32
									36
									40
									44
									48
									52
									56
									60
									64

No Conductivity Probe
Sample to 16' bgs.
No well set.

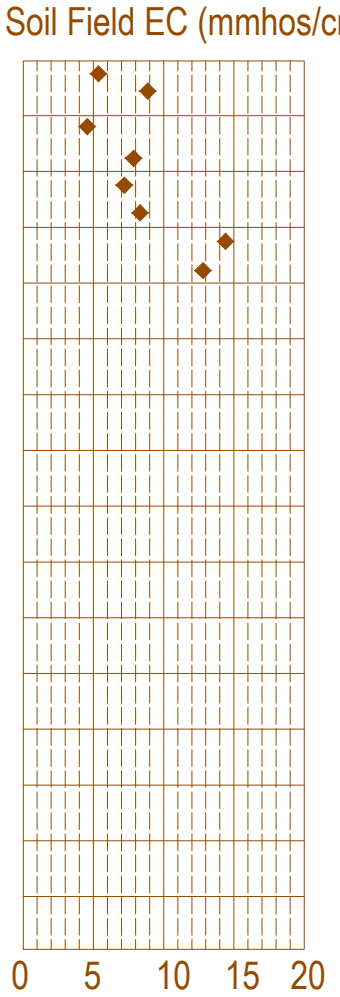
SAND | Silty SAND; Sandy SILT | SILT; Clayey SILT | Silty CLAY; CLAY

ICON

SOIL CONDUCTIVITY PROBE / BORING LOG DIAGRAM

Project No.	9403-010-0100	Location (UTM NAD83):	15R E 0509146 N 3327865
Cond Log Date	na	MONITORING WELL DATA	Riser Stickup: na
Core Sample Date	04NOV19	TD (BGS): na	Screened Interval (BGS): na

H-6



Interpreted Lithology	Well Construction	EC (mmhos/cm)	SAR (meq)	ESP (%)	Field EC (mS/cm)	PID (ppm)	Core Recovery		
		2.29	25.3	32.5	5.36	0.6		Silty CLAY, org. @ top, gray w/ Fe stain	0
		2.43	25.4	27.1	8.87	0.6			4
		5.05	24.8	21.3	4.56	0.2		Silty CLAY, org. @ top, gray w/ Fe stain, silty/clayey Muck @ 2.9', gray,	
		8.83	14.3	9.73	7.86	0.3		very soft, damp	8
					7.2	0.2		Silty CLAY, gray w/ Fe stain, shell frag @ 1.2' & 1.8'; CLAY @ 1.3', stiff	
		8.44	10.4	6.18	8.32	0.1			12
					14.4	0.1		CLAY, gray w/ Fe stain, Silt lens @ 0.9', stiff	
		9.28			12.8	0.0			16
									20
									24
									28
									32
									36
									40
									44
									48
									52
									56
									60
									64

No Conductivity Probe.
Sample to 16' bgs.
No well set.

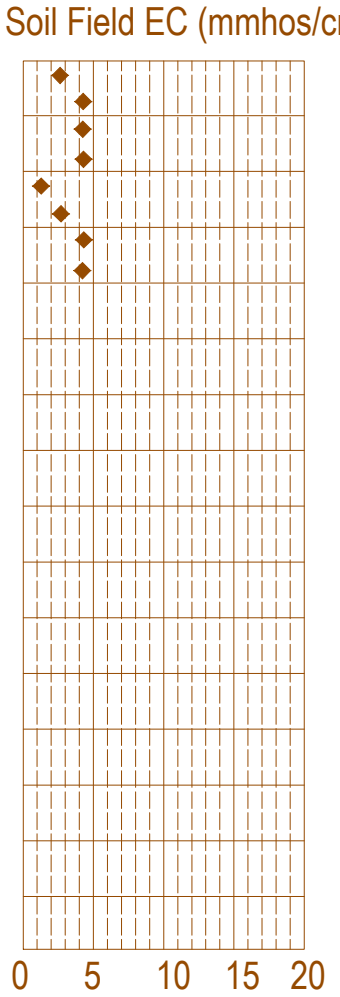
SAND | Silty SAND; Sandy SILT | SILT; Clayey SILT | Silty CLAY; CLAY

ICON ENVIRONMENTAL

SOIL CONDUCTIVITY PROBE / BORING LOG DIAGRAM

Project No.	9403-010-0100	Location (UTM NAD83):	15R E 0509083 N 3327888
Cond Log Date	na	MONITORING WELL DATA	Riser Stickup: na
Core Sample Date	05NOV19	TD (BGS): na	Screened Interval (BGS): na

H-7



Interpreted Lithology	Well Construction	EC (mmhos/cm)	SAR (meq)	ESP (%)	Field EC (mS/cm)	PID (ppm)	Core Recovery		
		0.60	7.13	7.22	2.63 4.28	0.4		Silty CLAY, soft, brn, org; CLAY @ 0.4', gray w/ Fe stain, md stiff	0
					4.24	0.3		Silty CLAY, gray w/ Fe & blk stain, Ca nodules, SILT @ 3.5',	4
		1.01	8.18	5.98	4.30	0.6		red/brn, damp	8
					1.28	0.3		Clayey SILT, red/brn w/ blk stain; CLAY @ 1.6', shell layer 1.9'-2.2';	12
		2.46	7.43	3.53	2.69	0.5		Silty CLAY @ 2.2'	
					4.32	0.3		CLAY, gray w/ Fe stain, Silt lenses throughout	16
		3.14			4.22	0.2			20
									24
									28
									32
									36
									40
									44
									48
									52
									56
									60
									64

No Conductivity Probe.
Sample to 16' bgs.
No well set.

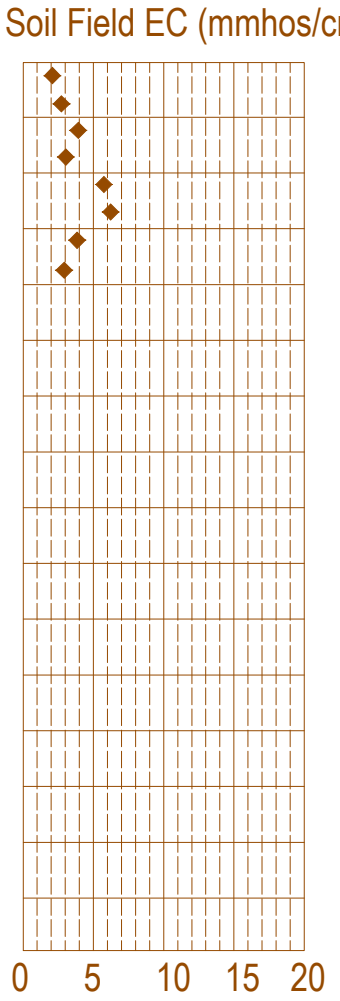
SAND | Silty SAND; Sandy SILT | SILT; Clayey SILT | Silty CLAY; CLAY

ICON

SOIL CONDUCTIVITY PROBE / BORING LOG DIAGRAM

Project No.	9403-010-0100	Location (UTM NAD83):	15R E 0508192 N 3328298
Cond Log Date	na	MONITORING WELL DATA	Riser Stickup: na
Core Sample Date	05NOV19	TD (BGS): na	Screened Interval (BGS): na

H-8



Interpreted Lithology	Well Construction	EC (mmhos/cm)	SAR (meq)	ESP (%)	Field EC (mS/cm)	PID (ppm)	Core Recovery		
		0.7	2.63	1.82	2.08	0.8		Silty CLAY, brn w/ Fe stain, stiff; CLAY @ 1.4', brn w/ Fe stain	0
					2.73	0.3			4
		2.94	8.57	2.47	3.92	1.3		CLAY, gray w/ Fe stain, md stiff, strong odor	
		2.4	7.4	1.96	3.04	14.3			8
					5.75	0.4		CLAY, red/brn & gray w/ Fe & blk stain, thin silt lenses, shell @ 2-3',	
		3.29	6.52	1.2	6.23	0.2		no odor	12
					3.84	0.1		CLAY, gray w/ Fe stain, thin silt lenses throughout, stiff	
		3.22			2.92	0.2			16
									20
									24
									28
									32
									36
									40
									44
									48
									52
									56
									60
									64

No Conductivity Probe.
Sample to 16' bgs.
No well set.

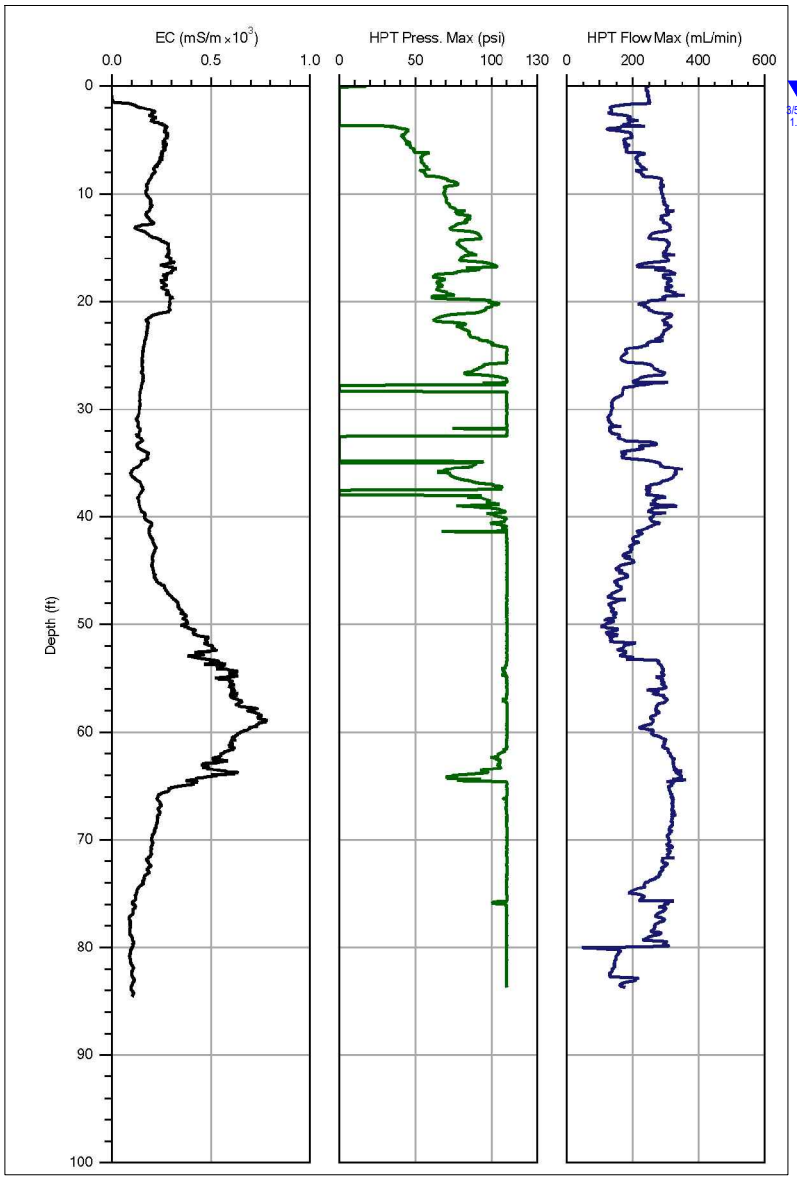
SAND | Silty SAND; Sandy SILT | SILT; Clayey SILT | Silty CLAY; CLAY

ICON

SOIL CONDUCTIVITY PROBE / BORING LOG DIAGRAM

Project No.	9403-010-0100	Location (UTM NAD83):	15R E 0508087 N 3328160
Cond Log Date	na	MONITORING WELL DATA	Riser Stickup: na
Core Sample Date	05NOV19	TD (BGS): na	Screened Interval (BGS): na

H-9



Interpreted Lithology	Well Construction H-9	EC (mmhos/cm)	SAR (meq)	ESP (%)	Field EC (mS/cm)	PID (ppm)	Core Recovery		
		0.51	8.56	15.6	1.11	0.7		Silty CLAY, brn to gray w/ Fe stain, moist, soft	0
					1.84				4
		0.39	3.46	23.6	2.15	0.8		Silty CLAY, brn to gray w/ Fe stain, moist, soft	
					1.92	0.8			8
		0.27	3.02	15.5	2.26	0.7		CLAY, gray w/ Fe & blk stain, shell @ 2.8-3.2'	
		0.55	8.91	11.4	1.17	1.3			12
					2.86	0.6		CLAY, gray w/ Fe stain, moist silt @ 2.8'	
					3.35	0.6			16
					3.00	0.3		Silty CLAY, gray, md soft, Clay @ 1.2', gray, stiff	
		1.65			3.43	0.1			20
					2.68	0.0		CLAY, gray, yellow stain, md stiff	
					2.25	0.0		CLAY, gray, yellow stain, md stiff	24
					2.21	0.0		CLAY, gray, yellow stain, md stiff	
					1.96	0.0		CLAY, gray, yellow stain, md stiff, gray w/ Fe stain, Ca nodules	28
					1.89	0.0		CLAY, gray w/ Fe & blk stain, Ca throughout	
		0.77			2.94	0.0			32
					2.62	0.0		CLAY, gray w/ Fe & blk stain, Ca nodules @ 0.6';	
					2.22	0.0		Silty CLAY @ 2.4'; Clayey SILT, brn w/ Fe, soft; CLAY @ 1.4'	36
					2.43	0.0		CLAY, gray & brn w/ Fe & blk stain, Ca	
					3.56	0.0		CLAY, gray & brn w/ Fe & blk stain, Ca, rocks @ 1.1'	40
					4.19	0.0		CLAY, gray w/ Fe stain, stiff	
					4.22	0.0		CLAY, gray w/ Fe stain, stiff	44
					5.12	0.0		CLAY, gray w/ Fe stain, stiff	
					7.22	0.0		CLAY, gray w/ Fe stain, stiff	48
		15.6			13.8	0.0		CLAY, gray w/ Fe stain, stiff, damp SILT @1', some Clay, gray,	
		25.4			OR	0.0		Clay lenses, saturated	52
					18.1	0.0		SILT, gray, saturated; Clayey SILT @ 1.1' w/ CLAY lenses;	
					15.4	0.0		CLAY @ bottom	56
					16.1	0.0		CLAY, dk gray, stiff	
		16.4			14.6	0.0			60
									64
									68
									72
									76
									80
									84
									88
									92
									96
									100

Hydrolic Profile / Conductivity Probe to 85' bgs.
Sample to 60' bgs.

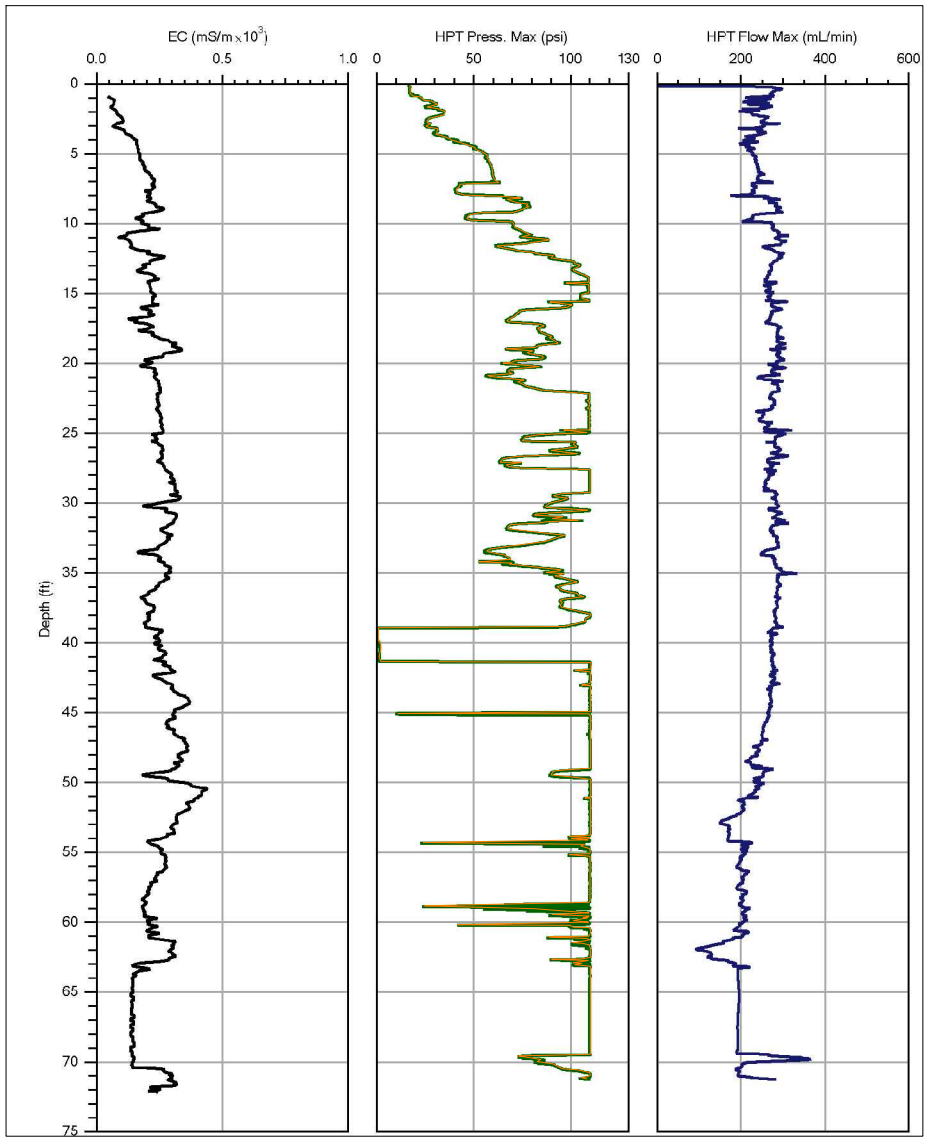
Set 3/4" pvc well to 55' bgs. Screened 50-55 bgs. Filter sock over screen.
Native material to 49' bgs. Bentonite pellets to 43' bgs. Grout to surface.

SAND | Silty SAND; Sandy SILT | SILT; Clayey SILT | Silty CLAY; CLAY

ICON — SOIL CONDUCTIVITY PROBE / BORING LOG DIAGRAM

Project No.	9403-010-0100	Location (UTM NAD83):	15R E 0507775 N 3328206
Cond Log Date	07NOV19	MONITORING WELL DATA	Riser Stickup: 1.94'
Core Sample Date	08NOV19	TD (BGS): 55'	Screened Interval (BGS): 50-55'

H-10



Interpreted Lithology	Well Construction	EC (mmhos/cm)	SAR (meq)	ESP (%)	Field EC (mS/cm)	PID (ppm)	Core Recovery	
		0.36	4.88	4.21	0.51	0.7		Silty CLAY, brn, md soft, moist; CLAY @ 1.8', gray w/ Fe stain
					1.51	0.5		
		1.15	9.09	8.18	2.02	0.8		Silty CLAY, brn, md soft, moist; CLAY @ 1.8', gray w/ Fe stain;
					2.36	0.9		Silty CLAY @ 2', gray w/ Fe stain & blk mottles, stiff
		1.11	5.30	4.19	2.09	0.6		CLAY w/ thin Silt lenses, gray/red/brn, shell frags @ 2'-2.5',
					2.43	0.5		Silty CLAY @ 2.5'; clay @ 3.4'
					2.40	0.8		CLAY, gray w/ Fe stain, stiff
					1.93	0.6		
					2.26	0.6		CLAY, gray w/ Fe stain, stiff,
					2.37	1.2		moist clayey silt lenses @ 0.5', 0.9',& 1.3' (1" thick)
					2.83	1.4		CLAY, gray w/ Fe stain, md stiff
					2.08	0.9		
					2.30	0.9		CLAY, gray w/ Fe stain, md stiff, blk mottles, Fe & blk stain, Ca nodules
					2.23			
					2.39	0.9		
					2.34			
					2.76	0.6		CLAY, gray w/ Fe stain
					2.31			
					2.30	0.7		CLAY, gray w/ Fe stain
					2.21			
		1.9			2.23	0.4		CLAY, gray, md soft; Silty CLAY @ 1.4'-2.2', md soft, Fe stain,
					1.87	0.3		Clay to Silty CLAY
					2.02	0.1		SILT, wet, lt. brn; Clayey SILT @ 1.7', damp Clayey SILT, gray/brn,
		1.72			2.33	0.0		CLAY lens @ 2-2.2'

3/5/21
5.70'

0 4 8 12 16 20 24 28 32 36 40 44 48 52 56 60 64

Hydrolic Profile / Conductivity Probe to 62' bgs.
Sample to 40' bgs.

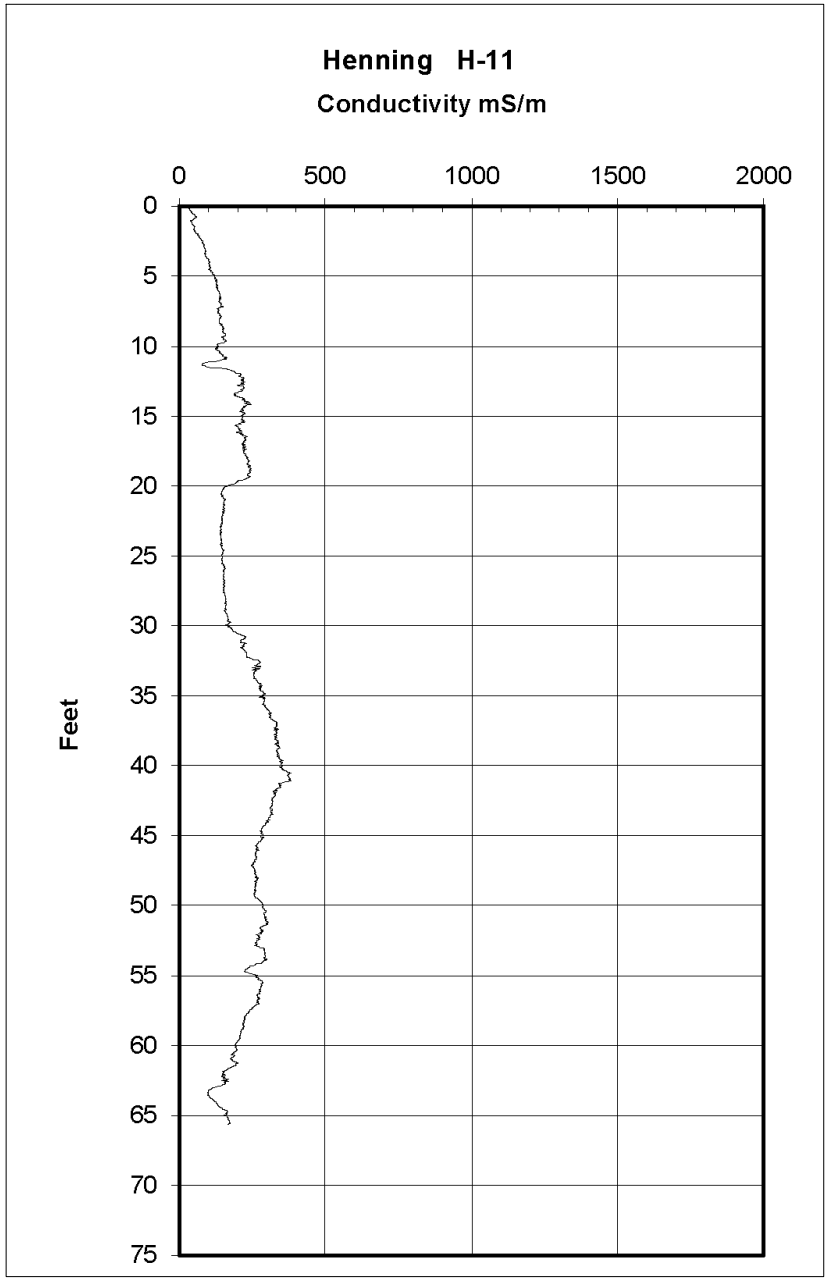
Set 3/4" pvc well to 40' bgs. Screened 35-40' bgs. Filter sock over screen.
Native material to 38' bgs. Filter sand to 28' bgs. Bentonite pellets to 25' bgs. Grout to surface.

SAND | Silty SAND; Sandy SILT | SILT; Clayey SILT | Silty CLAY; CLAY

ICON ENVIRONMENTAL

SOIL CONDUCTIVITY PROBE / BORING LOG DIAGRAM

Project No.	9403-010-0100	Location (UTM NAD83):	15R E 0505024 N 3328294
Cond Log Date	06NOV19	MONITORING WELL DATA	Riser Stickup: 0.9'
Core Sample Date	06NOV19	TD (BGS): 40'	Screened Interval (BGS): 35-40'



H-11

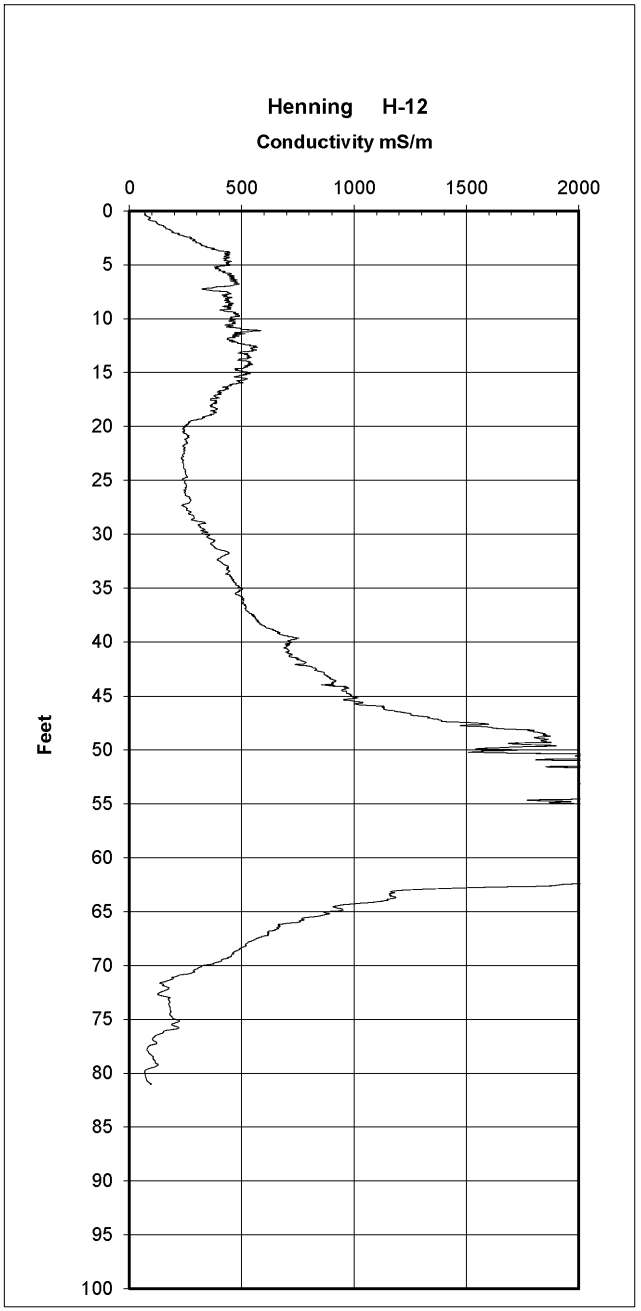
Interpreted Lithology	Well Construction	EC (mmhos/cm)	SAR (meq)	ESP (%)	Field EC (mS/cm)	PID (ppm)	Core Recovery		
		1.15	4.63	4.28	1.00	0.1		Silty CLAY, brn, SAND @ 0.4', rocks @ 1', CLAY @ 1.1',	0
					2.22	0.1		md stiff, Fe stiain	4
		1.58	10.2	8.40	3.09	0.1		CLAY, gray w/ Fe stain, md stiff	
					3.35	0.0			8
		1.04	7.26	7.09	2.89	0.0		CLAY, gray w/ Fe & blk stain, md stiff, shells @ 3.5' to bottom	
					3.51	0.0			12
					4.33	0.0		CLAY, gray w/ Fe & blk stain, stiff	
					4.73	0.0			16
					3.83	0.0		CLAY, gray w/ Fe & blk stain, stiff	
					4.17	0.0			20
					2.95	0.0		CLAY, gray w/ Fe & blk stain, stiff	
					3.43	0.0			24
					2.77	0.0		CLAY, gray w/ Fe & blk stain, stiff	
					2.99	0.0			28
					3.90	0.0		CLAY, gray w/ Fe & blk stain, stiff, Ca nodules throughout	
					4.83	0.0		CLAY, gray w/ Fe & blk stain, stiff, large Ca nodules throughout	32
					5.30	0.0		CLAY, gry w/ Fe & blk stain, stiff, lg Ca nods throughout,Clyy SILT @ 2.9'	
					5.77	0.0		Clayey SILT, lt drn, damp; Silty CLAY @ 1'	36
					6.23	0.0		CLAY, gray w/ Fe stain; Clayey SILT lens @ 1.1 & 2.4' (3"); CLAY	
		6.45			7.27	0.0			40
					7.11	0.0		CLAY, lt brn/gray, Fe stains, stiff	
					6.28	0.0		CLAY,gray, Fe stains, stiff	44
					4.92	0.0		CLAY,gray, Fe stains, stiff	
					4.67	0.0			48
					3.97	0.0		CLAY,gray, Fe stains, stiff	
					4.14	0.0			52
					4.31	0.0		CLAY,gray, Fe stain, Ca nodules & Silty CLAY @ 3.1', CLAY bottom	
					4.62	0.0			56
					4.53	0.0		CLAY,gray, Fe stain, Ca nodules & Silty CLAY @ 3.1', CLAY bottom	
		0.94			4.12	0.0			60
									64

Conductivity Probe to 66' bgs.
Sample to 60' bgs.
No well set

ICON

SOIL CONDUCTIVITY PROBE / BORING LOG DIAGRAM

Project No.	9403-010-0100	Location (UTM NAD83):	15R E 0507827 N 3328234
Cond Log Date	11NOV19	MONITORING WELL DATA	Riser Stickup: na
Core Sample Date	12NOV19	TD (BGS): na	Screened Interval (BGS): na



H-12

Interpreted Lithology	Well Construction H-12	EC (mmhos/cm)	SAR (meq)	ESP %	Field EC (mS/cm)	PID (ppm)	Core Recovery		
		2.33	14.4	11.8	1.02	0.1		CLAY w/ some silt, dk brn w/ Fe stain, thin SAND lens @ 0.3'	0
					2.29				4
		3.11	15.2	15.8	3.12	0.1		CLAY, silt content dec. w/ depth, gray w/ Fe stain & blk mottles, stiff	
					3.58	0.1			8
		3.56	9.22	8.78	3.24	0.1		CLAY, silty @ top, gray w/ Fe & blk mottling,	
					3.44	0.1		shell frags @ 3.5' & 3.8'	12
					3.88	0.1		CLAY, silty @ top, gray w/ Fe & blk mottling,	
					4.26	0.1		shell frags @ 3.5' & 3.8', silt lenses throughout bottom half	16
					4.93	0.1		CLAY, gray, wet SILT lenses throughout	
					5.98	0.1			20
					2.03	0.1		CLAY, gray w/ Fe stain, md stiff	
					1.95	0.1		CLAY, gray w/ Fe stain, md stiff	24
					3.54	0.1		CLAY, gray, Fe & blk stain, stiff	
					3.30	0.0		CLAY, gray, Fe & blk stain, stiff, Ca nodules throughout (sm)	28
					2.27	0.0		CLAY, gray, Fe & blk stain, stiff, Ca	
					4.48	0.0		CLAY, gray, Fe & blk stain, stiff, Ca, large Ca nodules (1.2" thick)	32
					2.97	0.1		CLAY, gray/brn, Ca nodules/rocks; Clayey SILT @ 1.2'	
					3.82	0.0		Silty CLAY to CLAY, gray w/ Fe stain	36
					4.11	0.0		CLAY & Silty CLAY, lt. brn, md soft	
		6.09			6.17	0.1		Silty CLAY; CLAY @ 1.5'	40
					5.28	0.1		CLAY, gray, Fe stain, stiff	
					5.31	0.0		CLAY, gray, Fe stain, stiff	44
					6.01	0.1		CLAY, gray, Fe stain, stiff, softer @ bottom	
					11.5	0.1		Silty CLAY, lt. brn; Clayey SILT @ 1.5', md soft	48
		37.3			16.6	0.1		Clayey SILT, wet, brn w/ Fe stain	
					OR	0.1		SILT w/ some CLAY, brn to gray	52
		63.7			OR	0.2		SILT to Silty SAND, gley, saturated	
								Flow-in....TD 54'	56
									60
									64
									68
									72
									76
									80
									84
									88
									92
									96
									100

3/5/21
2.57'

Conductivity Probe to 80' bgs.
Sample to 52' bgs.

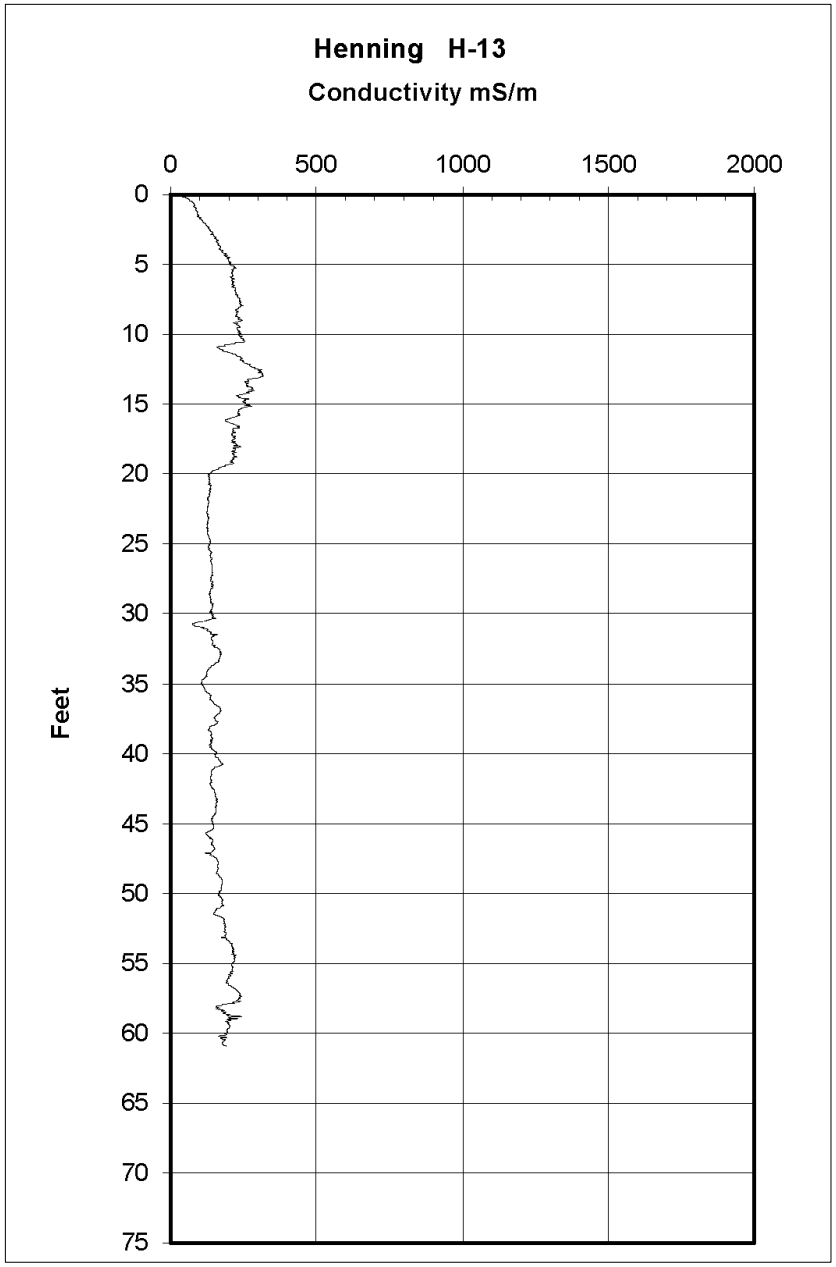
Set 3/4" pvc well to 60' bgs. Screened 50-60' bgs. Filter sock over screen.
Native material to 50' bgs. Filter sand to 47'bgs. Bentonite pellets to 43' bgs. Grout to surface.

SAND | Silty SAND; Sandy SILT | SILT; Clayey SILT | Silty CLAY; CLAY

ICON

SOIL CONDUCTIVITY PROBE / BORING LOG DIAGRAM

Project No.	9403-010-0100	Location (UTM NAD83):	15R E 0507777 N 3328260
Cond Log Date	12NOV19	MONITORING WELL DATA	Riser Stickup: 1.2'
Core Sample Date	13NOV19	TD (BGS): 60'	Screened Interval (BGS): 50-60'



H-13

Interpreted Lithology	Well Construction	EC (mmhos/cm)	SAR (meq)	ESP %	Field EC (mS/cm)	PID (ppm)	Core Recovery		
		1.28	6.4	4.67	1.80	0.0		CLAY, brn w/ Fe stain, md soft	0
					3.26	0.0			4
		2.94	10.9	8.48	3.43	0.0		CLAY, brn w/ Fe stain, md soft, lt gray w/ Fe stain & blk nodules & stain,	
					3.67	0.0		md stiff	8
		2.74	4.79	3.42	3.76	0.0		CLAY, brn w/ Fe stain, md soft, lt gray w/ Fe stain & blk nodules & stain,	
					3.31	0.0		md stiff, silt lenses throughout, shell frags 3.3.7'	12
		2.36			3.89	0.0		CLAY, gray w/ Fe stain, silt lenses throughout bottom half (>1")	
					2.91	0.0			16
					2.45	0.0		CLAY , gray w/ Fe stain, damp silt lenses throughout	
					2.67	0.0			20
					1.93	0.0		CLAY, gray, Fe stain, md stiff	
					1.87	0.0		CLAY, gray, Fe stain, md stiff	24
					1.87	0.0		CLAY, gray, Fe stain, md stiff	
					1.91	0.0		CLAY, gray, Fe stain, md stiff	28
					2.52	0.0		CLAY, gray, Fe stain, md stiff, Ca nodules	
					2.03	0.0		CLAY, gray, Fe stain, md stiff	32
					2.15	0.0		CLAY, gray, Fe stain, md stiff	
					1.47	0.0		Alternating Clayey SILT & Silty CLAY, lt brn	36
					2.26	0.0		CLAY, gray/brn w/ Fe stain, stiff	
		0.66			2.09	0.0		CLAY, gray/brn w/ Fe stain, stiff	40
									44
									48
									52
									56
									60
									64

Conductivity Probe to 61' bgs.

Sample to 40' bgs.

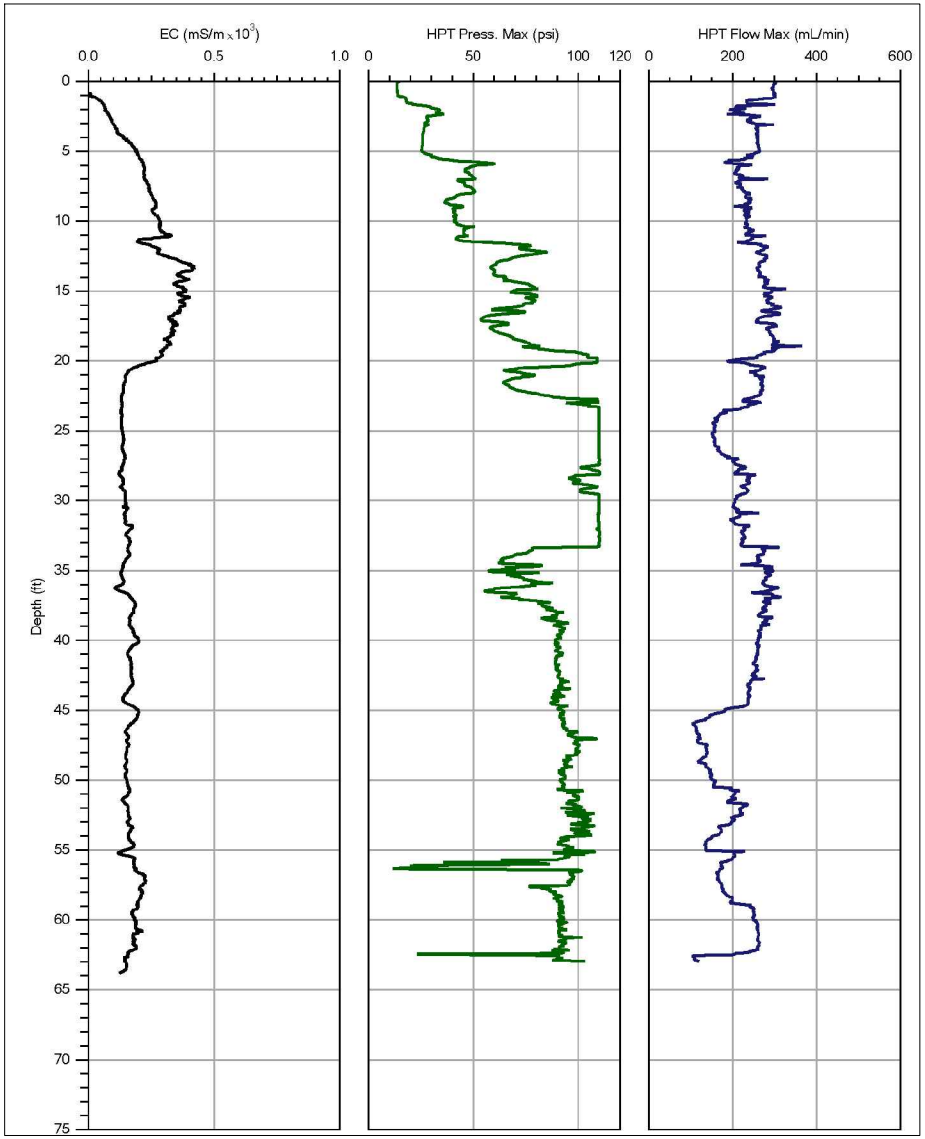
No well set

ICON

SOIL CONDUCTIVITY PROBE / BORING LOG DIAGRAM

Project No.	9403-010-0100	Location (UTM NAD83):	15R E 0507789 N 3328106
Cond Log Date	14NOV19	MONITORING WELL DATA	Riser Stickup: na
Core Sample Date	14NOV19	TD (BGS): na	Screened Interval (BGS): na

H-14



Interpreted Lithology	Well Construction	EC (mmhos/cm)	SAR (meq)	ESP %	Field EC (mS/cm)	PID (ppm)	Core Recovery		
		1.48	9.04	7.94	1.39	0.1		CLAY w/some Silt, dk brn, Fe stain, md soft	0
					2.82	0.0			4
		4.48	14.9	14.4	3.76	0.0		SAA, lt grey, w/Fe and blk stain, md stiff	
					3.78	0.0			8
		4.78	6.93	8.41	3.67	0.0		SAA; Silty much at 0.7', grey, v soft; CLAY at 1.2, stiff, shell frags at 2.1';	
					3.27	0.0		Silty CLAY at 2.5'	12
					3.75	0.0		CLAY, grey w/ Fe stain, stiff, thin Silt lesnes throughout	
					3.86	0.0			16
		5.31			4.19	0.0		SAA, damp Silt lenses throughout;	
					3.75	0.0		CLAY, grey, stiff	20
					1.84	0.0		CLAY, grey w/Fe stain, stiff;	
					1.66	0.0		CLAY, grey w/Fe stain, stiff;	24
					1.73	0.0		CLAY, grey w/Fe stain, stiff;	
					1.74	0.0		CLAY, grey w/Fe stain, stiff, Ca nodules	28
					1.87	0.0		CLAY, grey w/Fe and blk stain, Ca throughout	
					2.26	0.0		CLAY, grey w/Fe and blk stain, Ca throughout	32
					1.71	0.0		Silty CLAY, lt brn, Ca thu top half; CLAY at 1.1'; Clayey SILT at 3';	
					1.89	0.0		Clayey SILT, lt brn/grey, soft, moist	36
					2.36	0.0		CLAY, brn and grey, stiff	
		1.09			2.55	0.1		CLAY, brn and grey, stiff	40
									44
									48
									52
									56
									60
									64

Hydrolic Profile / Conductivity Probe to 64' bgs.
Sample to 40' bgs.

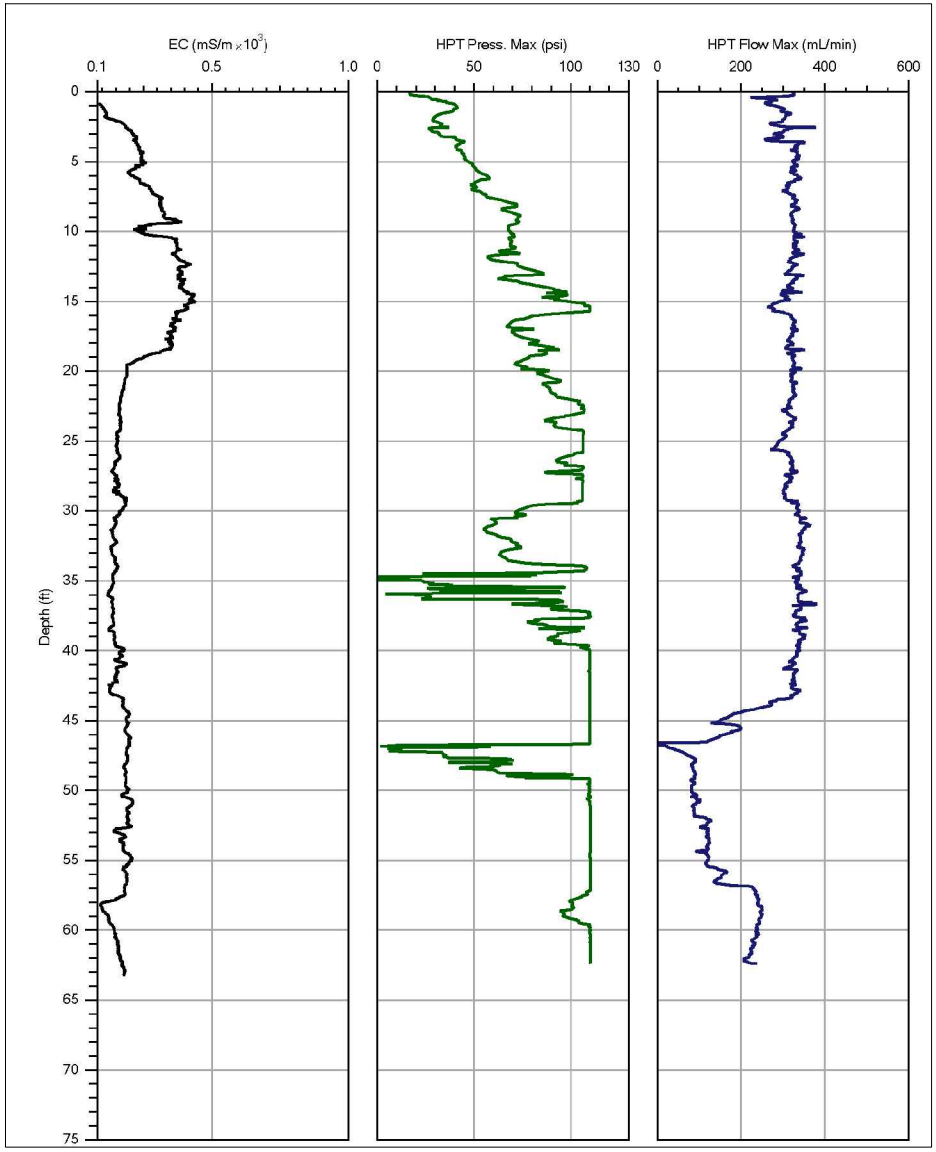
No Well Set

SAND | Silty SAND; Sandy SILT | SILT; Clayey SILT | Silty CLAY; CLAY

ICON

SOIL CONDUCTIVITY PROBE / BORING LOG DIAGRAM

Project No.	9403-010-0100	Location (UTM NAD83):	15R E 0507827 N 3328103
Cond Log Date	15NOV19	MONITORING WELL DATA	Riser Stickup: na
Core Sample Date	18NOV19	TD (BGS): na	Screened Interval (BGS): na



SAND | Silty SAND; Sandy SILT | SILT; Clayey SILT | Silty CLAY; CLAY

H-15

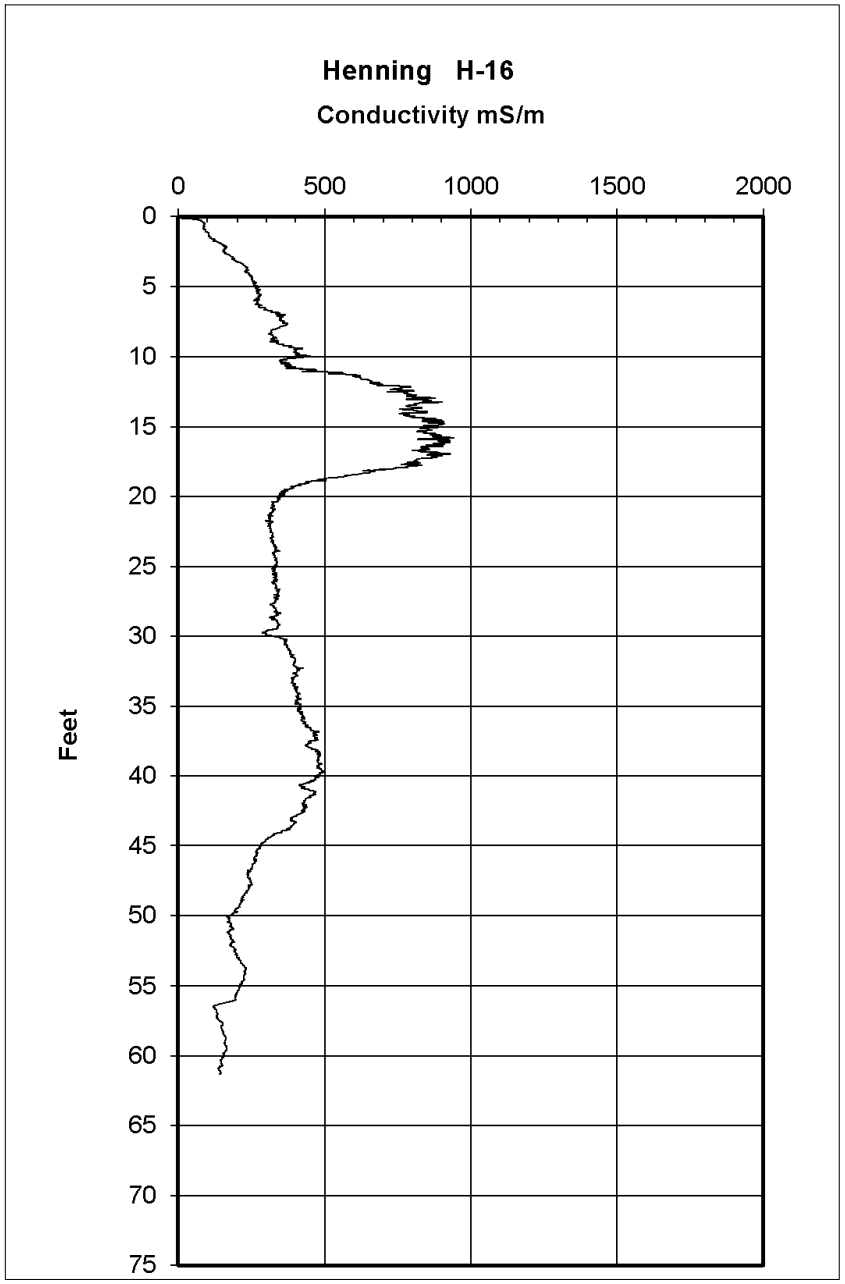
Interpreted Lithology	Well Construction	EC (mmhos/cm)	SAR (meq)	ESP %	Field EC (mS/cm)	PID (ppm)	Core Recovery		
		1.44	9.04	7.94	1.25	3.3		Silty CLAY to CLAY, brn to grey, organics at top, Fe stain, md stiff	0
					2.68	1.1			4
		3.33	12	13.5	3.74	6.3		CLAY, grey, w/Fe stain, strong HC odor, stiff	
		3.52	12.1	13.1	3.35	18.7			8
		5.64	11.4	14.5	7.73	27.1		CLAY, red/brn and grey, strong odor;	
		7.8	11.6	15.1	10.4	53.6		Clayey SILT at 0.5'; CLAY at 1.1', shells at 1.1'; Clayey SILT at 2.7'	12
		5.93			5.67	0.8		CLAY, grey and Fe stain, slight odor, Silt lenses;	
					4.87	0.3		Silty CLAY at 1.6', odor in top half; CLAY at 2.1' w/Silt lenses	16
					4.74	0.3		CLAY, grey w/Fe stain, damp, Silt lenses throughout	
					3.67	0.2			20
					1.96	0.3		CLAY, grey w/Fe stain	
					2.03	0.3		SAA	24
					2.10	0.2		SAA, Ca nodules, stiff	
					2.06	0.2		SAA, Ca nodule layer at 1.2' and 1.7-2.5'	28
					2.19	0.3		CLAY, grey w/Fe stain, Ca throughout	
					1.90	0.0		SAA; Silty CLAY at 1.3', Clayey SILT at 2.3'	32
					3.85	0.0		Alt Clayey SILT and damp SILT, lt brn;	
					5.05	0.1		CLAY, soft w/ Clayey SILT lenses	36
					2.19	0.0		SAA	
		1.57			2.16	0.1		Clayey SILT, damp, grey and Fe stain; CLAY at 2'	40
									44
									48
									52
									56
									60
									64

Hydrolic Profile / Conductivity Probe to 63' bgs.
Sample to 40' bgs.
NO WELL SET

ICON

SOIL CONDUCTIVITY PROBE / BORING LOG DIAGRAM

Project No.	9403-010-0100	Location (UTM NAD83):	15R E 0508139 N 3328131
Cond Log Date	19NOV19	MONITORING WELL DATA	Riser Stickup: na
Core Sample Date	19NOV19	TD (BGS): na	Screened Interval (BGS): na



SAND | Silty SAND; Sandy SILT | SILT; Clayey SILT | Silty CLAY; CLAY

H-16

3/6/21
1.02'

Interpreted Lithology	Well Construction	EC (mmhos/cm)	SAR (meq)	ESP %	Field EC (mS/cm)	PID (ppm)	Core Recovery		
		1.28	7.94	6.81	1.51	0.5		Silty CLAY, brn w/Fe stain, organics at top;	0
					2.60	0.7		CLAY at 0.5', md stiff	4
		4.27	9.23	9.37	3.52	2.1		CLAY, grey, Fe stain, Ca nodules at 0.4', md stiff	
					4.25	0.8			8
					5.54	2.8		SAA, Silt lenses throughout; Clayey much and shell frags at 2.3', grey,	
		11.1	17.4	14.9	8.83	0.7		odor, Silty CLAY at 3.1'	12
					11.41	11.1		CLAY, grey, Fe stain, stiff; wet SILT lenses at 3', 3.2', 3.7'	
		20.7			12.27	12.5			16
		25.8			>20	11.2		CLAY, grey, damp SILT lenses throughout top half, blk stain at btm half	
					14.85	5.2			20
					4.09	0.3		CLAY w/some SILT, grey w/yellow stain at top, stiff;	
					3.97	0.3		CLAY, grey, Fe stain, stiff	24
					4.15	0.8		SAA, blk nodules at 2.7'	
					4.17	0.7		CLAY, grey, blk stain, stiff	28
					4.84	0.3		CLAY, grey w/Fe and blk stain, Ca at 2.7'	
					4.87	1.6		SAA, Clayey SILT at 1.5', Fe and blk stain	32
					5.04	0.2		Alt Silty CLAY and Clayey SILT, grey w/ Fe	
		11.6			6.37	0.1		Clayey SILT, lt brn, md soft	36
					8.03	0.9		SAA, inc moisture	
		21.7			9.68 6.45	0.8		SILT/Clayey SILT, brn, wet; CLAY btm 2"	40
									44
									48
									52
									56
									60
									64

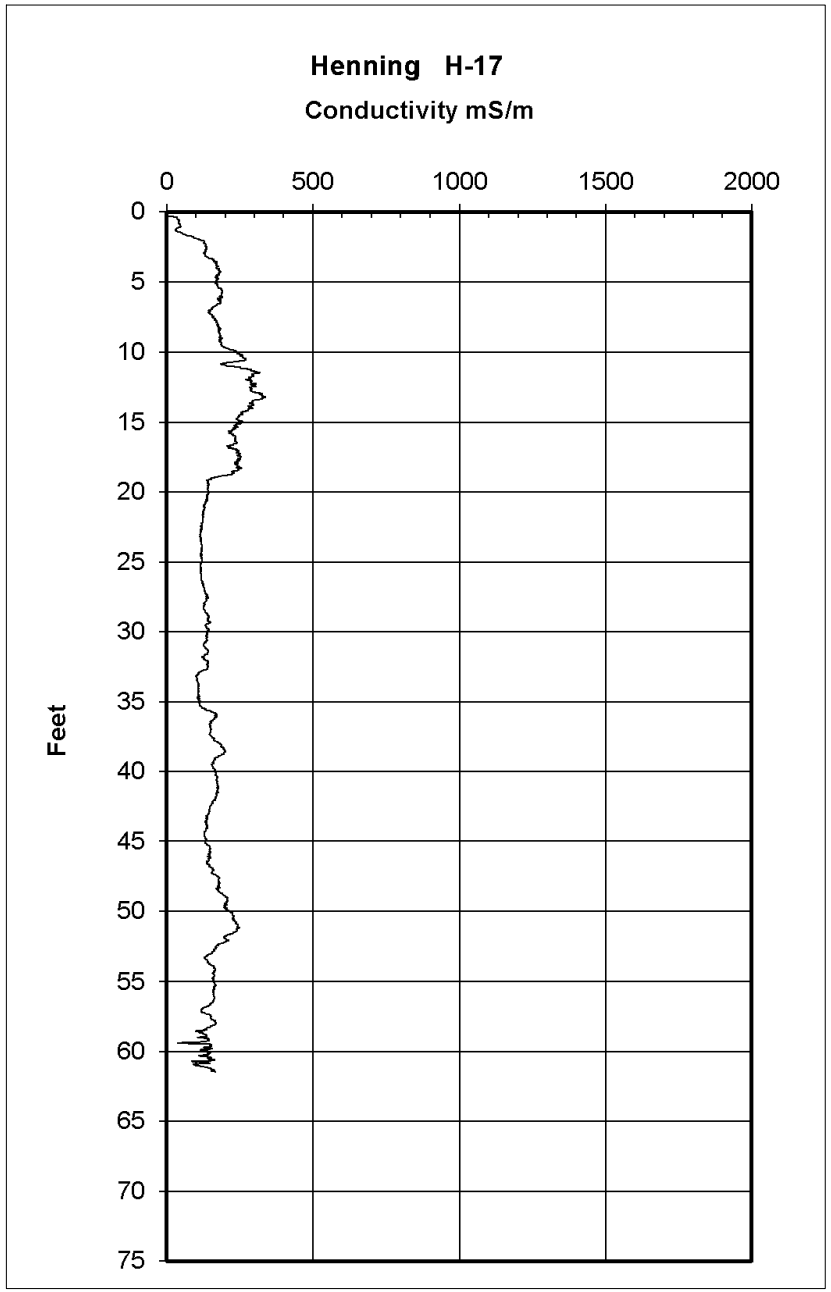
Conductivity Probe to 62' bgs.
Sample to 40' bgs.

Set 3/4" pvc well to 40' bgs. Screened 35-40' bgs. Filter sock over screen.
Native material to 37' bgs. Filter sand to 34' bgs. Bentonite pellets to 31' bgs. Grout to surface.

ICON ENVIRONMENTAL

SOIL CONDUCTIVITY PROBE / BORING LOG DIAGRAM

Project No.	9403-010-0100	Location (UTM NAD83):	15R E 0508143 N 3328218
Cond Log Date	19NOV19	MONITORING WELL DATA	Riser Stickup: 2.2'
Core Sample Date	20NOV19	TD (BGS): 40'	Screened Interval (BGS): 35-40'



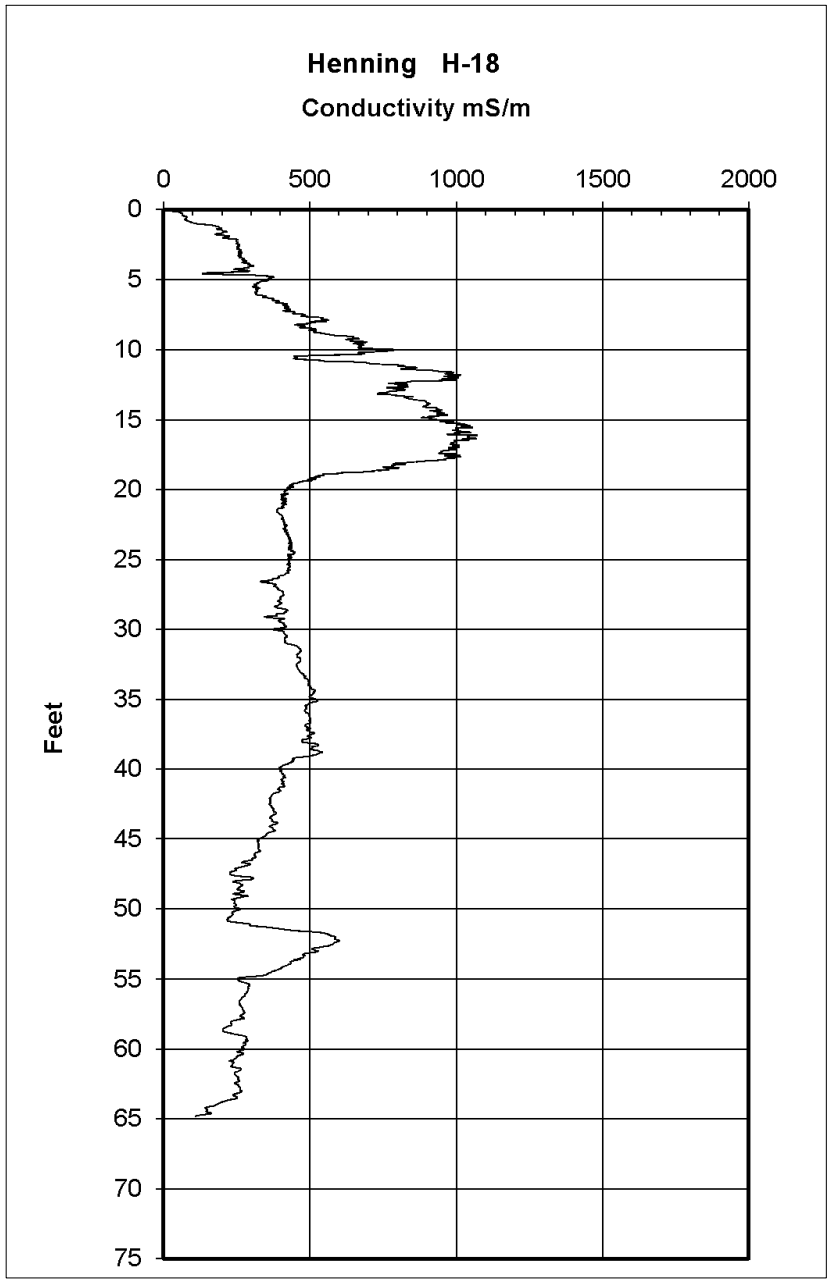
H-17

Interpreted Lithology	Well Construction	EC (mmhos/cm)	SAR (meq)	ESP %	Field EC (mS/cm)	PID (ppm)	Core Recovery	
		1.06	7.1	6.97	0.67	0.4		SILT, brn, orgx @ top; Silty CALY @ 1.8', gray, w/ Fe stain, md stiff
					2.17	0.6		
		1.59	13.4	20.9	3.11	13.8		Silty CLAY, gray w/ Fe stain, strong odor
		2.67	19.1	27.3	2.60	3.3		
		3.06	19.1	24.9	2.68	101.8		Silty CLAY, gray w/ Fe stain, strong odor, clay lens 3.4-3.7';
		4.15	13.6	14.2	4.55	49.2		CLAY @ 2.8', Fe & blk stain stiff, odor
		3.87			2.95	13.2		CLAY, gray, Fe stain, stiff, silt lenses throughout, odor
		3.61			3.59	31.4		
					2.74	1.1		CLAY, gray, Fe stain, stiff, silt lenses throughout
					3.07	0.6		
					1.95	0.5		CLAY, gray, Fe stain @ bottom, soft
					1.62	0.8		Silty CLAY, lt. brn, Fe stain
					1.54	0.6		Silty CLAY, lt. brn, Fe stain
					1.74	0.5		Silty CLAY, lt. brn, Fe stain
					1.79	0.8		CLAY, gray, Fe stain & blk stain, Ca
					1.87	0.3		CLAY, gray, Fe stain & blk stain, Ca
					1.98	0.4		CLAY, gray/brn; Silty CLAY @ 1.5', gray
					1.75	0.2		Silty CLAY; Clayey SILT @ 0.5', damp; CLAY @ 2.5'
					1.92	0.0		CLAY, brn, stiff
		0.75			2.47	0.0		CLAY, brn, stiff

0 4 8 12 16 20 24 28 32 36 40 44 48 52 56 60 64

Conductivity Probe to 62' bgs.
Sample to 40' bgs.
No well set.

ICON	SOIL CONDUCTIVITY PROBE / BORING LOG DIAGRAM		
Project No.	9403-010-0100	Location (UTM NAD83):	15R E 0508144 N 3327835
Cond Log Date	20NOV19	MONITORING WELL DATA	Riser Stickup: na
Core Sample Date	20NOV19	TD (BGS): na	Screened Interval (BGS): na



3/6/21
0.80'

H-18

Interpreted Lithology	Well Construction	EC (mmhos/cm)	SAR (meq)	ESP %	Field EC (mS/cm)	PID (ppm)	Core Recovery	
		1.64	14.6	17.6	2.70	0.3		SILT, brn; CLAY @ 0.5', lt. brn w/ Fe stain, md soft
					2.72			
		0.98	10.7	31.5	2.13	0.1		Silty CLAY, gray w/ Fe stain & blk, stiff
					2.93	0.2		
		5.75	7.08	10.8	3.27	0.5		Silty CLAY, gray w/ Fe stain & blk, stiff, dry Silt lenses throughout,
					4.42	0.2		Silt lens @ 2.3', dry; CLAY @ 2.7'; Shell Hash @ 3-3.2'
					5.93	0.3		CLAY, gray w/ Fe & blk stain, Silt lenses throughout btm half, stiff
		8.02			6.47	1.0		
					6.02	1.1		CLAY, gray w/ Fe & blk stain, Silt lenses throughout btm half, stiff,
					4.94	0.5		Clayey SILT lens @ 0.5' (2" thick)
					3.12	0.2		CLAY, gray, md soft, Fe stain @ btm 2"
					3.71	0.6		CLAY, gray, md soft, Fe stain @ btm 2", soft spot @ 1.8-2.4'
					3.38	0.6		CLAY, w/ some Silt, gray, md stiff
					3.08	0.3		CLAY, gray w/ Fe & blk stain, Ca
					3.01	0.7		CLAY, gray w/ Fe & blk stain, Ca
					3.24	0.6		Silty CLAY, gray/rd/brn; CLAY W 2.1'; Clayey SILT @ 3.2'
					3.47	0.4		Silty CLAY, gray & Fe stain, blk stain 1.4-2.3'
					3.71	0.1		Silty CLAY, gray & Fe stain, blk stain 1.4-2.3'; CLAY @ 1.6', stiff
					3.89	0.6		CLAY, brn, stiff
					3.47	0.4		CLAY, brn, stiff
					2.94	0.6		CLAY, brn, gray, stiff
		1.58			2.52	0.6		CLAY, brn, gray, stiff, Fe mottles
					2.56	0.4		CLAY, brn, gray, stiff, Fe mottles; Silty CLAY @ 2.1', gray w/ Fe stain
					2.75	0.8		Clayey SILT, gray, Clay lens @ 2.2'; SILT @ 2.3'
					3.28	0.3		SILT, lt. brn, wet; Clayey SILT @ 2.3'
					3.09	0.9		SILT, lt. brn, wet; Clayey SILT @ 0.5'; CLAY @ 1.7', stiff
					3.97	0.4		CLAY, gray w/ Fe stain, stiff
					2.85	0.5		CLAY, gray w/ Fe stain, stiff
					2.18	0.6		CLAY, gray w/ Fe stain, stiff
		0.75			2.32	0.3		CLAY, gray w/ Fe stain, stiff, some silt @ top

0 4 8 12 16 20 24 28 32 36 40 44 48 52 56 60 64

Conductivity Probe to 65' bgs.
Sample to 60' bgs.

Set 3/4" pvc well to 50' bgs. Screened 45-50' bgs. Filter sock over screen.
Native material to 36' bgs. Bentonite pellets to 29' bgs. Grout to surface.

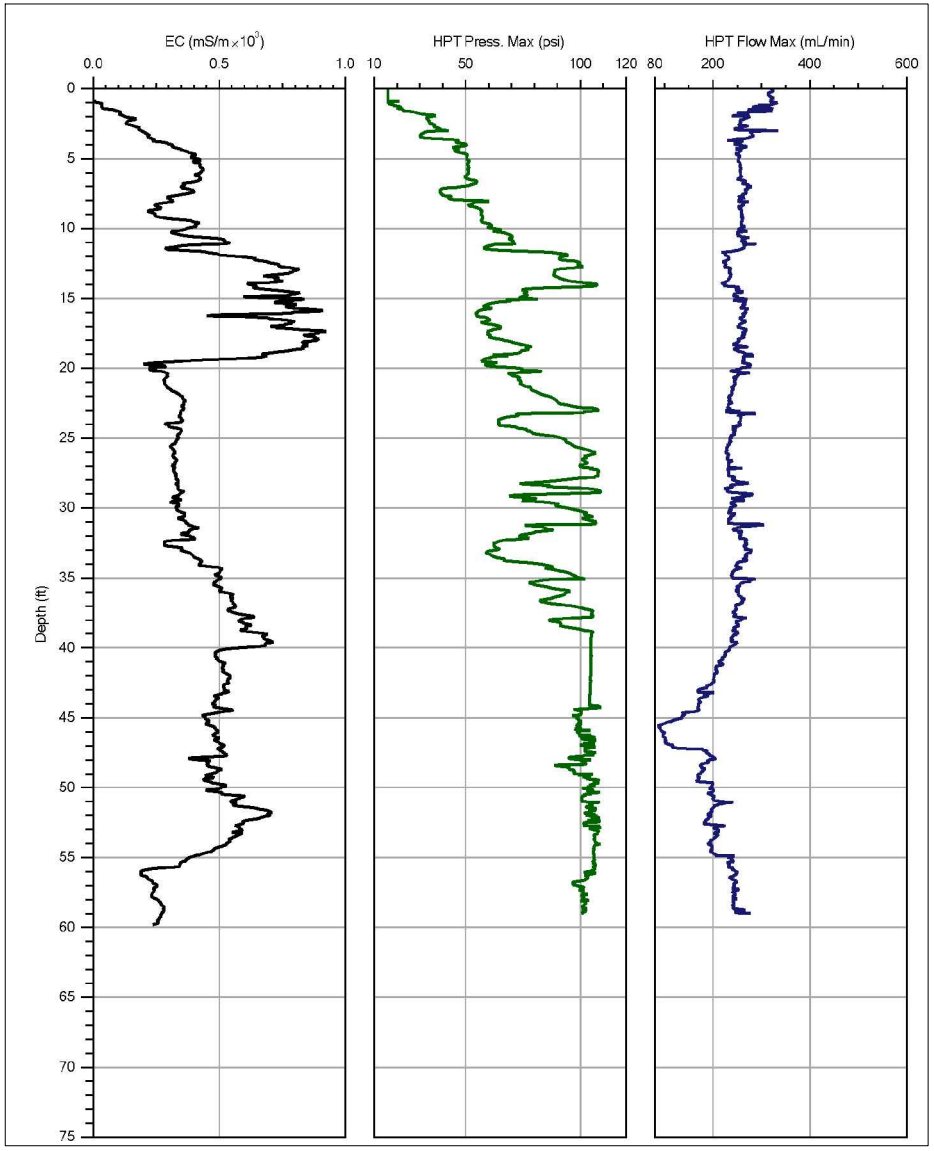
SAND | Silty SAND; Sandy SILT | SILT; Clayey SILT | Silty CLAY; CLAY

ICON ENVIRONMENTAL

SOIL CONDUCTIVITY PROBE / BORING LOG DIAGRAM

Project No.	9403-010-0100	Location (UTM NAD83):	15R E 0508224 N 3327888
Cond Log Date	21NOV19	MONITORING WELL DATA	Riser Stickup: 1.20'
Core Sample Date	21NOV19	TD (BGS): 50'	Screened Interval (BGS): 45-50'

H-19



Interpreted Lithology	Well Construction	EC (mmhos/cm)	SAR (meq)	ESP %	Field EC (mS/cm)	PID (ppm)	Core Recovery		
		1.34	5.78	4.82	0.97	0.5		Silty CLAY, brn; CLAY @ 1', brn to gray w/ Fe stain, soft spot @ btm	0
					3.23	0.7			4
		3.65	7.56	9.47	3.60	1.3		CLAY w/ some Silt , lt gray w/ Fe & blk stain, soft spot 0.7-1.3', dk gray\	8
					2.38	1.4			
		2.97	5.25	5.0	2.87	0.4		Clayey SILT, gray w/ Fe stain; CLAY @ 0.7', stiff, shell hash @ 2.5-2.9'	12
					4.86	1.1			
					6.26	0.8		CLAY, gray w/ Fe stain, silt lenses, in btm half	16
					5.86	1.0			
					6.91	1.0		CLAY, gray, damp silt lenses throughout, yellow stain @ 3'	20
					2.73	1.2			
					2.41	1.0		CLAY, gray w/ yellow stain, md stiff	24
					2.44	0.7			
					2.50	0.9		CLAY, w/ some silt, gray/brn, blk mottles	28
					2.44	1.0		CLAY, w/ some silt, gray/brn, blk mottles, dec. silt w/ depth, Fe stain btm	
					2.52	1.0		Silty CLAY, gray, Fe stain; SILT @ 3' dry	
					2.81	1.2		Clayey SILT w/ Clay lenses @ 0.4 & 1.4' (4" thick)	32
					3.41	1.1		Clayey SILT, brn, Fe & blk stain, md soft	
					3.64	0.8		Silty CLAY, lt. brn, Fe stain & blk stain	36
					4.12	1.0		CLAY, brn, stiff	
		3.86			4.24	1.0		CLAY, brn to gray, stiff	40
									44
									48
									52
									56
									60
									64

Conductivity Probe to 60' bgs.
Sample to 40' bgs.
No well set.

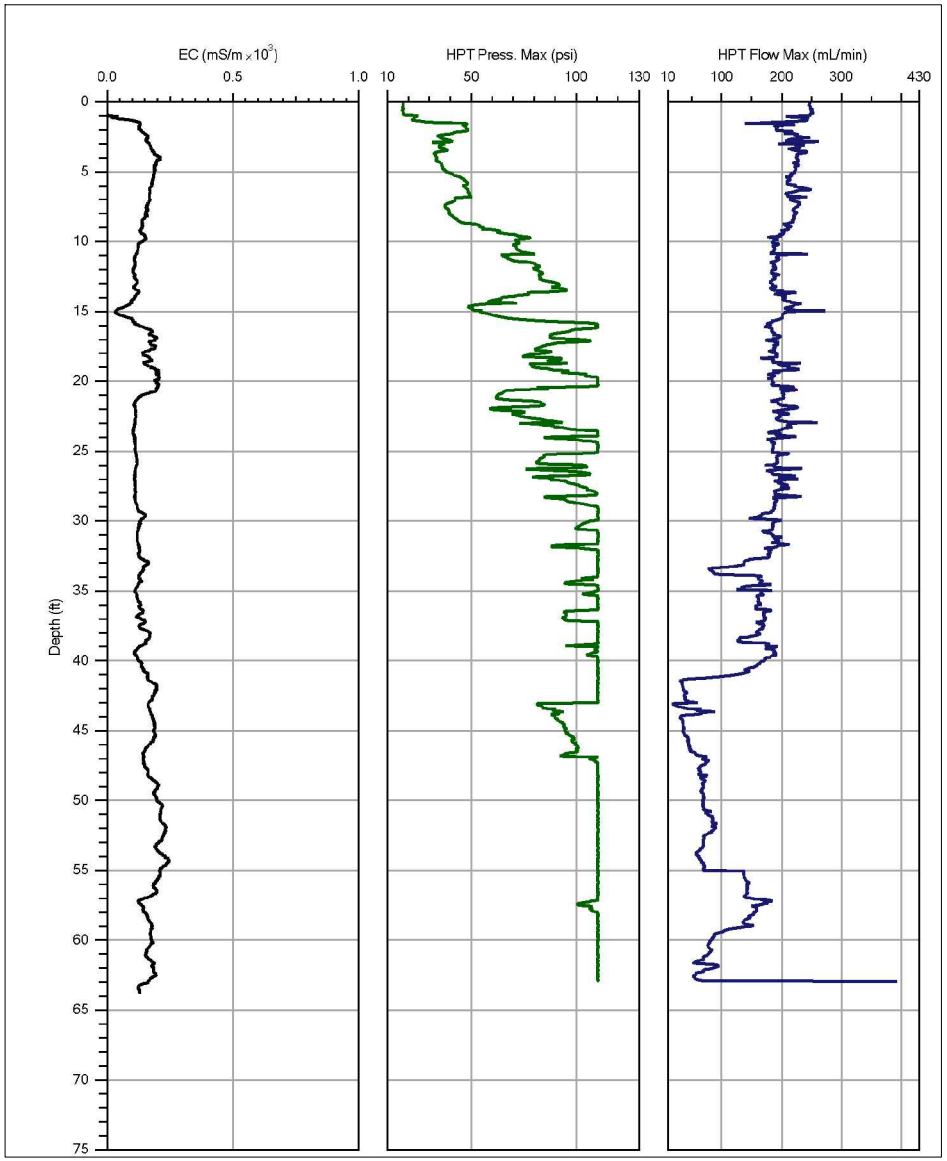
SAND | Silty SAND; Sandy SILT | SILT; Clayey SILT | Silty CLAY; CLAY

ICON ENVIRONMENTAL

SOIL CONDUCTIVITY PROBE / BORING LOG DIAGRAM

Project No.	9403-010-0100	Location (UTM NAD83):	15R E 0508251 N 3327873
Cond Log Date	21NOV19	MONITORING WELL DATA	Riser Stickup: na
Core Sample Date	22NOV19	TD (BGS): na	Screened Interval (BGS): na

H-20



4/19/21
0.73'

Interpreted Lithology	Well Construction	EC (mmhos/cm)	SAR (meq)	ESP (%)	Field EC (mS/cm)	PID (ppm)	Core Recovery		
		0.91	3.25	2.77	0.80	na		CLAY, brn to dk grey, firm, orange mottling (0.5-1.6')	0
					1.39	na			4
		1.71	6.74	9.95	2.10	na		CLAY, grey, orange mottling, firm	
					2.50	na			8
		0.85	4.49	12.6	2.32	na		CLAY(8-11.7') grey/tan,orange mottling, firm;	
					1.45	na		Clayey SILT(11.7-12') lt brn, damp	12
					1.00	na		CLAY, lt brownish grey, firm, orange staining;	
					1.86	na		Clayey SILT lenses (12.3-12.7') & (13.3-13.6'), damp, orange brn	16
					2.54	na		Silty CLAY, tan(16-18'), grey (18-20'), firm; SILT(17-17.1'), tan, moist	
		1.25			2.85	na			20
					2.16	na		CLAY, grey, orange mottling, stiff (20-21'), firm (21-24')	
					1.77	na			24
					1.47	na		CLAY, tan, firm, some orange mottling	
					1.42	na		CLAY, tan, firm, some orange mottling	28
		1.31			1.94	na		CLAY, tanish grey, firm to stiff, orange staining	
					1.49	na		CLAY, tanish grey, firm to stiff, orange staining	32
					1.55	na		CLAY, reddish brn & grey, stiff	
					1.48	na		Silty CLAY, lt. brownish grey, soft (0-1'), firm(1-1.5')	36
					1.68	na		CLAY, grey & red/brn, firm	
		1.33			1.26	na		Clayey SILT(0-0.5'), soft, lt brn, damp; CLAY brn & grey, firm	40
					2.03	na		Silty CLAY(0-1'), soft, tan; CLAY red/brn, firm	
					1.94	na		CLAY, grey, orange staining, firm	44
					1.55	na		CLAY, grey, orange staining, firm	
					1.76	na			48
									52
									56
									60
									64

Hydrolic Profile / Conductivity Probe to 63' bgs.
Sample to 48' bgs.

Set 3/4" pvc well to 45' bgs. Screened 35-45' bgs. Filter sock over screen.
Native material to 34' bgs. Filter sand to 33' bgs. Bentonite pellets to 30' bgs. Grout to surface.

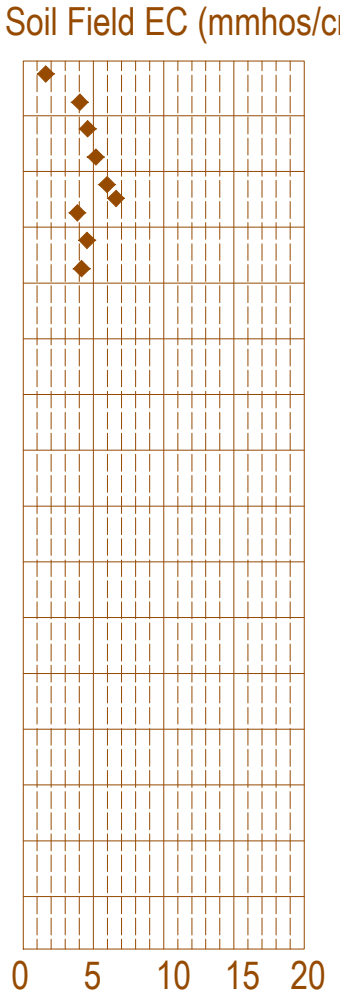
SAND | Silty SAND; Sandy SILT | SILT; Clayey SILT | Silty CLAY; CLAY

ICON ENVIRONMENTAL

SOIL CONDUCTIVITY PROBE / BORING LOG DIAGRAM

Project No.	9403-010-0100	Location (UTM NAD83):	15R E 0508391 N 3328255
Cond Log Date	30MAR21	MONITORING WELL DATA	Riser Stickup: 1.45'
Core Sample Date	29MAR21	TD (BGS): 45'	Screened Interval (BGS): 35-45'

H-21

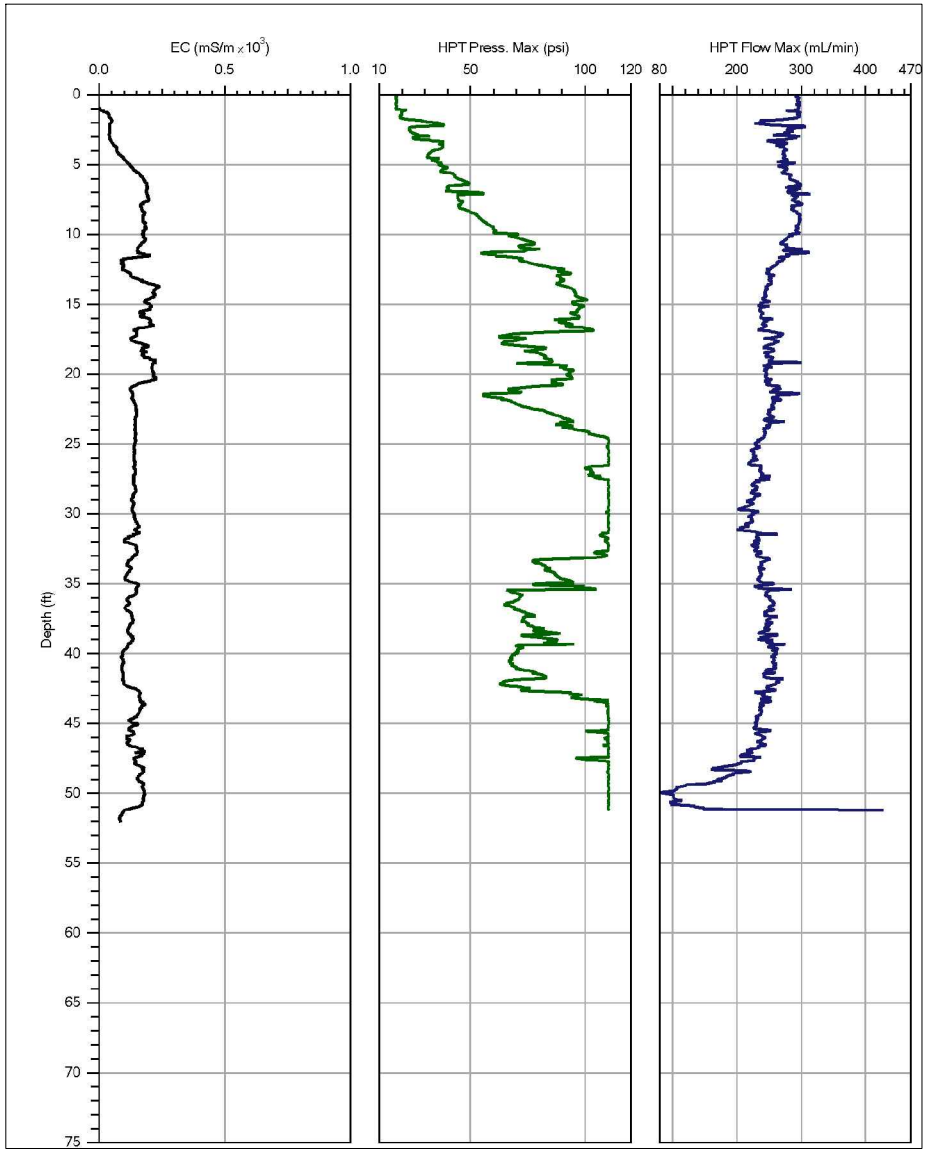


Interpreted Lithology	Well Construction	EC (mmhos/cm)	SAR (meq)	ESP (%)	Field EC (mS/cm)	PID (ppm)	Core Recovery		
		1.64	9.37	12.1	1.61	na		CLAY, tan(0-0.5') & (1.7-2.2'), brn(0.5-1.7') orange mottling, firm	0
					4.03	na			4
					4.59	na		CLAY, tan/grey w/ heavy orange staining, firm, brn nodule 4.3', 5.5', 6'	
		3.73	22.7	76.5	5.17	na			8
		4.51	23.5	43.8	5.97	na		CLAY (8-8.9'), grey & orange, firm; Silty CLAY(8.9-10'), grey, soft;	
					6.60				
		3.88			3.85	na		Silty CLAY, red/brn, firm	12
					4.55	na		CLAY, grey & orange, shell hash(12-12.5'), firm to stiff	
		2.99			4.16	na			16
									20
									24
									28
									32
									36
									40
									44
									48
									52
									56
									60
									64

No Conductivity Probe.
Sample to 16' bgs.
No Well Set

SAND | Silty SAND; Sandy SILT | SILT; Clayey SILT | Silty CLAY; CLAY

ICON	SOIL CONDUCTIVITY PROBE / BORING LOG DIAGRAM	
Project No. 9403-010-0100	Location (UTM NAD83): 15R E 0508135 N 3328315	
Cond Log Date na	MONITORING WELL DATA	Riser Stickup: na
Core Sample Date 30MAR21	TD (BGS): na	Screened Interval (BGS): na



SAND | Silty SAND; Sandy SILT | SILT; Clayey SILT | Silty CLAY; CLAY

H-22

4/19/21
1.31'

Interpreted Lithology	Well Construction	EC (mmhos/cm)	SAR (meq)	ESP (%)	Field EC (mS/cm)	PID (ppm)	Core Recovery	
		1.88	4.69	5.19	0.98	na		Silty CLAY, brn, firm, orange mottling
					2.30	na		
		3.26	9.85	9.38	3.08	na		CLAY, grey & orange, firm, Silty CLAY(6-6.5'), grey, soft
					3.07	na		
		2.13	8.06	5.80	2.61	na		CLAY, grey & orange, very firm, shell hash (11.3-12')
					1.82	na		
					2.38	na		CLAY, grey & orange, very firm, Clayey SILT lens(15.2-15.5'), gray &
		1.16			2.83	na		orange, moist
					2.34	na		Silty CLAY, grey, firm;
					2.63	na		Clayey SILT lenses(16.3-16.5'),(16.6-16.7'),(17-17.1'), lt brn, damp
					1.80	na		CLAY, grey, orange staining, firm
					1.92	na		
					1.88	na		CLAY, grey, orange staining, very firm
					1.78	na		
		0.84			2.00	na		CLAY, grey, Ca throughout, very firm to stiff, orange staining (30-32')
					1.97	na		
					1.90	na		CLAY, grey, firm, orange staining & motling;
					1.94	na		Clayey SILT(35.7-36'), brn, damp
					1.23	na		Silty CLAY(36-36.4')(37-39.2'), brn & grey w/ orange mottling, firm;
					1.42	na		Clayey SILT(36.4-37'), brn, damp
		1.33			1.32	na		Clayey SILT(0-1'), tan, moist; Silty CLAY, tan, soft
					2.10	na		CLAY, brownish grey w/ reddish brn, very firm, orange staining

0 4 8 12 16 20 24 28 32 36 40 44 48 52 56 60 64

Hydrolic Profile / Conductivity Probe to 51' bgs.
Sample to 44' bgs.

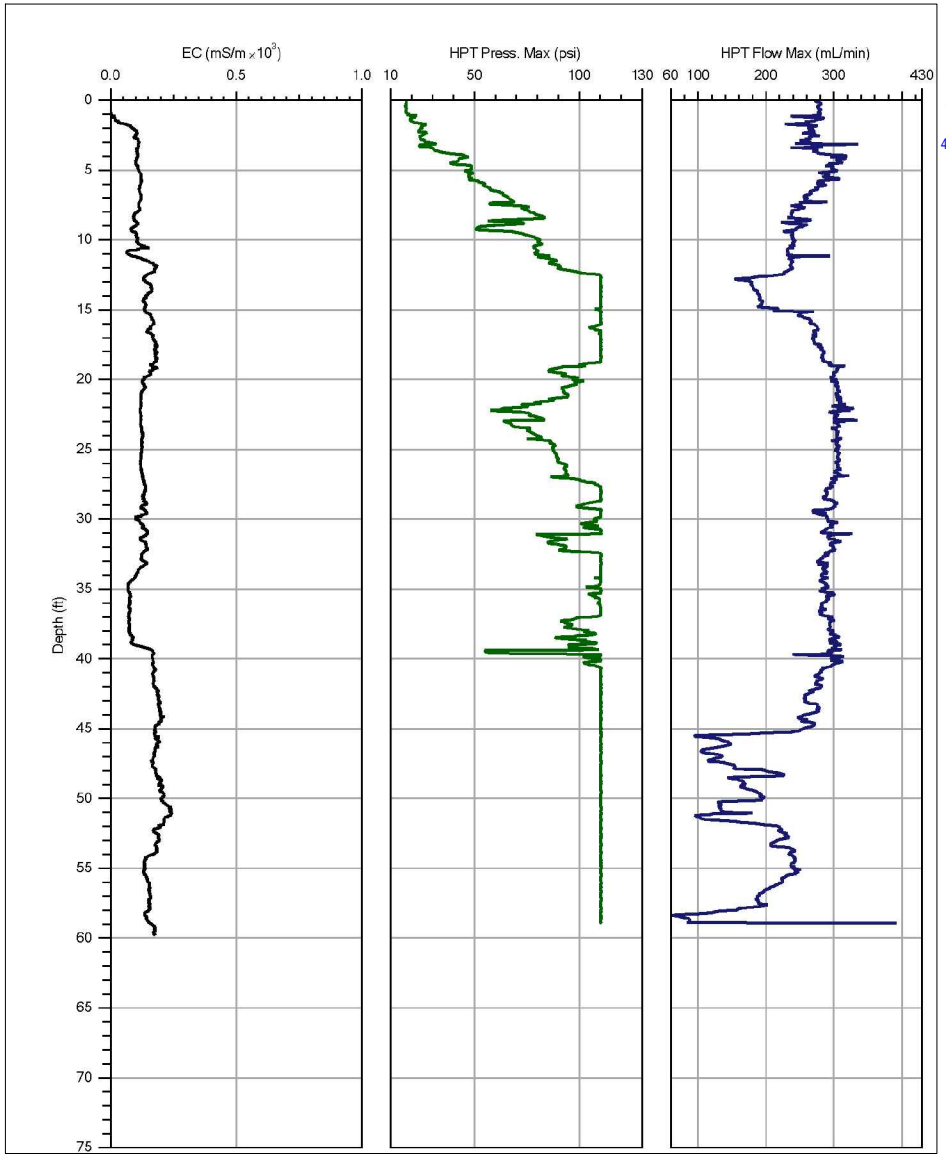
Set 3/4" pvc well to 44' bgs. Screened 34-44' bgs. Filter sock over screen.
Native material to 39' bgs. Filter sand to 32' bgs. Bentonite pellets to 28' bgs. Grout to surface.

ICON ENVIRONMENTAL

SOIL CONDUCTIVITY PROBE / BORING LOG DIAGRAM

Project No.	9403-010-0100	Location (UTM NAD83):	15R E 0508089 N 3328091
Cond Log Date	01APR21	MONITORING WELL DATA	Riser Stickup: 1.95'
Core Sample Date	01APR21	TD (BGS): 44'	Screened Interval (BGS): 34-44'

H-23



Interpreted Lithology	Well Construction	EC (mmhos/cm)	SAR (meq)	ESP (%)	Field EC (mS/cm)	PID (ppm)	Core Recovery		
									0
▼ 4/19/21 1.97		0.60	3.34	4.58	1.40	na	■	Silty CLAY, brn, soft; CLAY (0.5-2'), lt brn/grey, firm	
						na			4
		0.59	3.37	7.80	1.21	na	■	CLAY, grey & reddish brn, orange staining, very firm, Ca @ 4.7 & 5.9'	
					0.91	na			8
					1.37	na	■	CLAY, red brn & grey (8-11'), very firm, orange(10.3-11'),	
		0.48	2.16	12.0	2.05	na		shell hash (9.6-?2'); CLAY (11-12'), grey, very firm	12
					1.88	na	■	CLAY, grey & orange, very firm	
		0.51			2.20	na			16
					2.17	na	■	CLAY, grey & orange, very firm	
					2.06	na			20
					1.81	na	■	CLAY, tan/grey, orange staining, very firm	
					1.83	na			24
					1.80	na	■	CLAY, grey, orange staining, Ca throughout, very firm	
					1.96	na			28
		0.85			2.15	na	■	CLAY, lt brn, orange staining, Ca, stiff,	
					1.95	na		CLAY, lt. brn, stiff; Silty CLAY lt. brn, soft	32
		1.22			1.45	na	■	SILT(0-0.7'), brn, wet; CLAY(0.7-1.2'),gray; Clayey SILT	
					1.28				
					1.54	na		SILT(? flow-in);Silty CLY(34.5-35');SILT(35-35.7');CLY(35.7-35.9');Cly Silt	36
					1.52	na		CLAY, grey, firm, orange staining	
								TD 37'	40
									44
									48
									52
									56
									60
									64

Hydrolic Profile / Conductivity Probe to 58' bgs.
Sample to 37' bgs.

Set 3/4" pvc well to 37' bgs. Screened 27-37' bgs. Filter sock over screen.
Native material to 33' bgs. Filter sand to 26' bgs. Bentonite pellets to 22' bgs. Grout to surface.

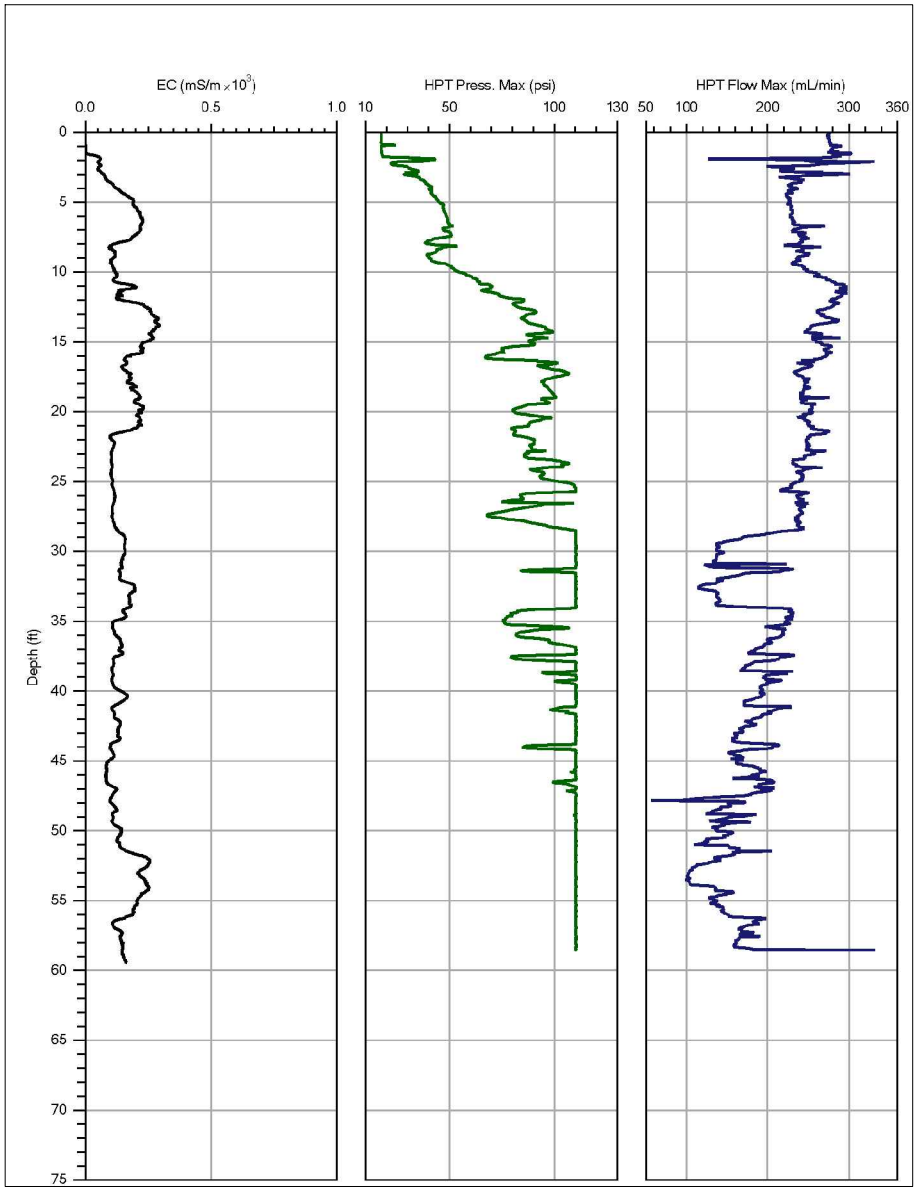
SAND | Silty SAND; Sandy SILT | SILT; Clayey SILT | Silty CLAY; CLAY

ICON ENVIRONMENTAL

SOIL CONDUCTIVITY PROBE / BORING LOG DIAGRAM

Project No.	9403-010-0100	Location (UTM NAD83):	15R E 0508077 N 3328396
Cond Log Date	05APR21	MONITORING WELL DATA	Riser Stickup: 1.55'
Core Sample Date	05APR21	TD (BGS): 37'	Screened Interval (BGS): 27-37'

H-24



Interpreted Lithology	Well Construction	EC (mmhos/cm)	SAR (meq)	ESP (%)	Field EC (mS/cm)	PID (ppm)	Core Recovery		
		1.16	4.21	5.24	0.78	na		Silty CLAY, brn, firm, orange mottling(0.9-1.3')	0
					1.50	na			4
		1.19	9.89	7.22	2.46	na		CLAY, grey, orange staining, firm, brn, nodules/mottling(6-7.5')	
					2.53	na			8
		1.07	5.21	6.47	2.49	na		CLAY, grey & orange, firm, shell hash(10.7-11.2')	
					2.92	na			12
		1.70			3.28	na		CLAY, orange(12-13'), grey(13-14.2'), very firm	
					2.63	na		CLAY, grey, orange stianing, very firm	16
					1.97	na		Silty CLAY, grey & orange, frim; Clayey Silt lens(16.1-16.2'),orange/brn	
					2.37	na		CLAY, grey & orange, very firm	20
					1.38	na		CLAY, grey & orange, very firm	
					1.31	na		CLAY, tannish grey, very firm, blk stain @ 23'	24
					1.45	na		CLAY, lt brn, very firm	
					1.32	na		CLAY, lt brn, very firm	28
		1.32			1.72	na		CLAY, grey & orange, very firm	
					1.55	na		CLAY, grey & orange, very firm	32
					1.53	na		CLAY, grey & orange, very firm	
					1.13	na		CLAY, grey & orange, very firm; Silty CLAY(34-35.5') lt. brn, soft	36
					1.55	na		Silty CLAY, lt. brn, orange mottling, soft(36-37'), firm & more silt & damp	
					1.45	na		Silty CLAY(0-2'), grey/ lt. brn, firm	40
					1.46	na		CLAY, grey & orange, firm	
					1.13				
					0.89	na		CLAY, grey & orange, firm, SILT(43.9-44')	44
		1.12			0.90	na		Sandy SILT(44-45'), lt brn, wet; Silty CLAY, grey & orange, firm	
									48
									52
									56
									60
									64

4/19/21
2.33'

SAND
Silty SAND; Sandy SILT
SILT; Clayey SILT
Silty CLAY; CLAY

Hydrolic Profile / Conductivity Probe to 58' bgs.
Sample to 46' bgs.

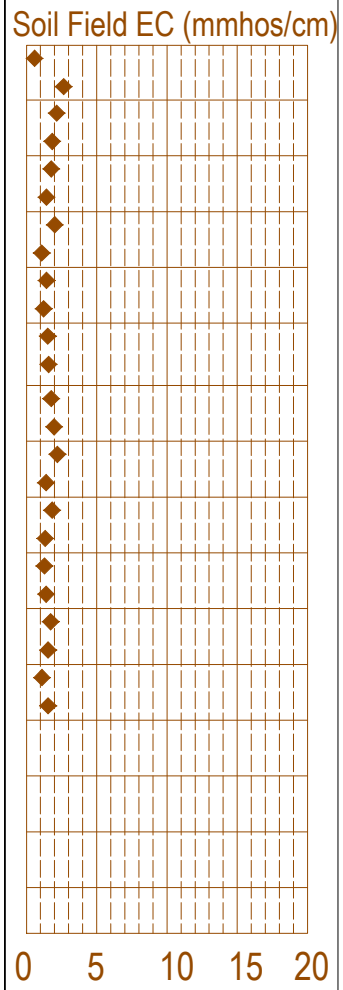
Set 3/4" pvc well to 46' bgs. Screened 41-46' bgs. Filter sock over screen.
Native material to 42' bgs. Filter sand to 39' bgs. Bentonite pellets to 28' bgs. Grout to surface.

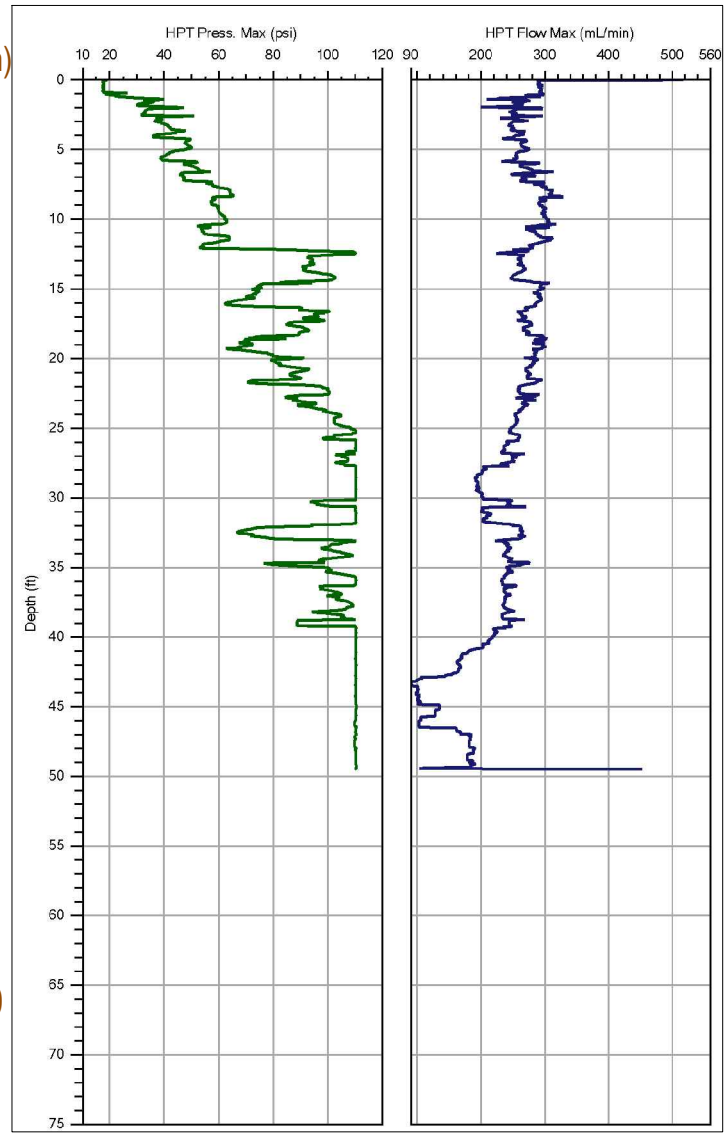
ICON ENVIRONMENTAL

SOIL CONDUCTIVITY PROBE / BORING LOG DIAGRAM

Project No.	9403-010-0100	Location (UTM NAD83):	15R E 0508617 N 3327850
Cond Log Date	06APR21	MONITORING WELL DATA	Riser Stickup: 1.9'
Core Sample Date	06APR21	TD (BGS): 46'	Screened Interval (BGS): 41-46'

H-25





Interpreted Lithology	Well Construction	EC (mmhos/cm)	SAR (meq)	ESP (%)	Field EC (mS/cm)	PID (ppm)	Core Recovery		
		2.01	6.42	7.07	0.58	na		CLAY, brn(0-2.5'), grey w/ orange staining, firm	0
					2.64	na			4
		1.08	5.24	7.11	2.15	na		CLAY, grey & oragne, frim, blk nodules(4.4-4.7')	
		0.53	3.00	8.97	1.83	na			8
		0.69	3.57	8.30	1.76	na		CLAY(8-9.3'),(10-12')orange & grey, firm;	
		0.70	3.17	8.25	1.42	na		Clayey SILT/Silty CLAY(9.3-10'), grey, moist, soft; shell hash(10-11.7')	12
					2.01	na		CLAY, grey, orange staining, very firm, Ca & Mn nodules(14.4-14.7');	
					1.08	na		Clayey SILT(15.4-15.7') lt. brn, moist	16
					1.43	na		CLAY to Silty CLAY, grey, orange staining, firm	
					1.22	na			20
					1.52	na		CLAY, lt. brn, firm, blk stianing, orange staining(23-24')	
					1.57	na			24
		0.55			1.75	na		CLAY, grey, orange staining, stiff	
					1.96	na		CLY, brownish gry, orange staining, stiff, Ca @ 1.6', brn nodules(0.3-0.5')	28
					2.20	na		CLAY, grey & orange, stiff	
					1.38	na		CLAY(0-1.9'), grey & orange, stiff; Silty CLAY, lt brn, soft, some Ca	32
					1.82	na		CLAY/Silty CLAY, grey, orange mottling, some Ca, stiff	
					1.32	na		CLAY, tannish grey & brownish orange, firm, blk staining	36
					1.27	na		CLAY, lt brn, orange staining, firm	
					1.39	na		CLAY, lt. brn(40-41'), grey, stiff, orange & blk staining	40
		0.70			1.72	na		Clayey SILT(40-40.7') lt. brn, moist; CLAY, gry, orange mottling, very firm	
					1.53	na		CLAY, greenish grey, orange mottling, stiff	44
					1.10	na		CLAY(0-1.5') greenish grey, stiff; Clayey SILT(1.5-2'); Silty CLAY, firm	
					1.53	na		CLAY/Silty CLAY, grey, orange mottling, very firm	48
									52
									56
									60
									64

Hydrolic Profile / Conductivity Probe to 50' bgs (EC failed on probing attempt).
Sample to 46' bgs.

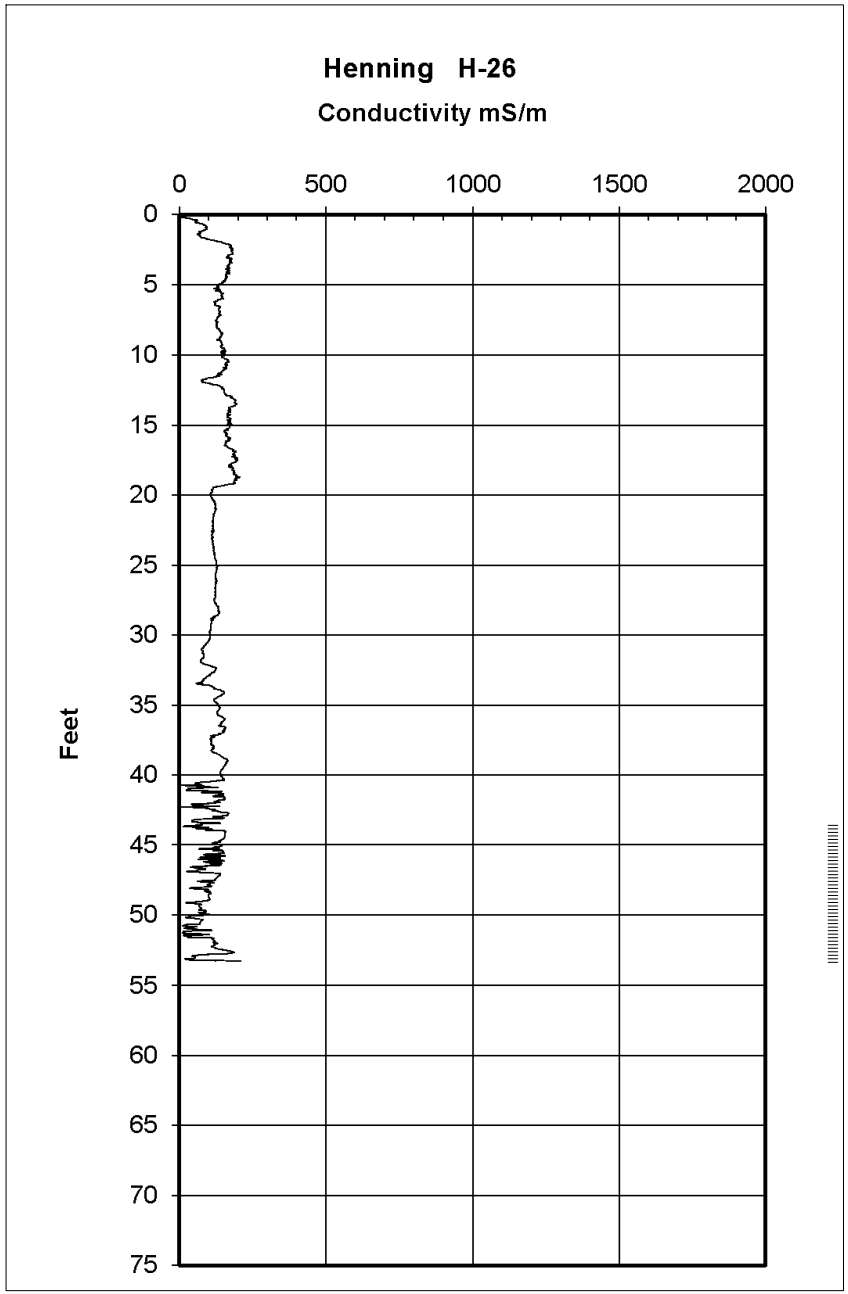
Set 3/4" pvc well to 48' bgs. Screened 38-48' bgs. Filter sock over screen.
Native material to 42' bgs. Filter sand to 39' bgs. Bentonite pellets to 28' bgs. Grout to surface.

SAND | Silty SAND; Sandy SILT | SILT; Clayey SILT | Silty CLAY; CLAY

ICON

SOIL CONDUCTIVITY PROBE / BORING LOG DIAGRAM

Project No.	9403-010-0100	Location (UTM NAD83):	15R E 0506721 N 3327901
Cond Log Date	07APR21	MONITORING WELL DATA	Riser Stickup: 1.90'
Core Sample Date	07APR21	TD (BGS): 48'	Screened Interval (BGS): 38-48'



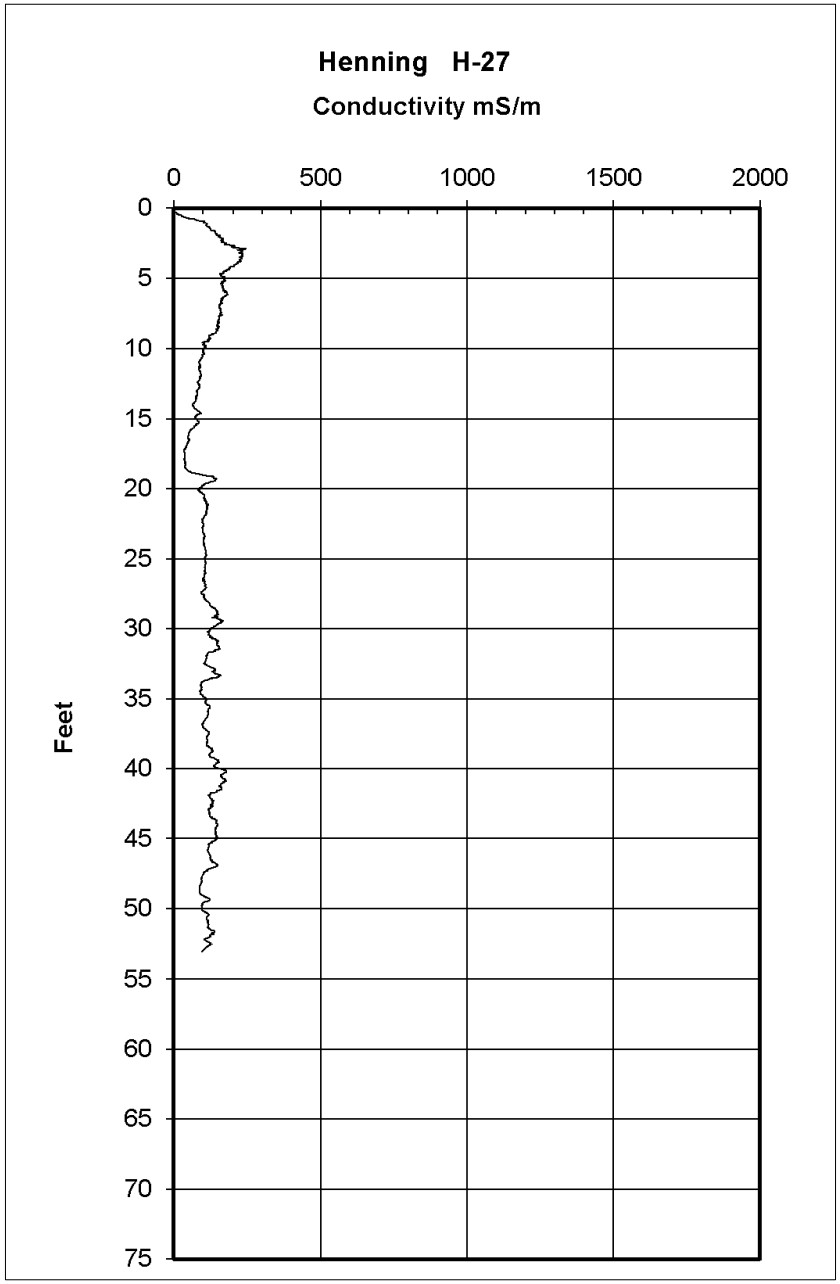
H-26

Interpreted Lithology	Well Construction	EC (mmhos/cm)	SAR (meq)	ESP (%)	Field EC (mS/cm)	PID (ppm)	Core Recovery		
		2.07	9.84	6.07	0.89	na		CLAY, brn(0-1,5'), grey & orange (1.5-3'), firm	0
					2.63	na			4
		1.25	5.22	11.3	2.10	na		CLAY, grey & orange, Ca nodules (5.4-5.7'), blk staining (6.5-8')	
		0.81	3.58	3.85	2.15	na			8
		0.62	3.07	4.48	1.91	na		CLAY, red/brn w/ some grey, very firm, shell hash(3.7-4'), blk staining	
		0.75	2.92	5.67	1.84	na			12
					1.86	na		CLAY, grey, orange staining, very firm	
					1.97	na			16
					2.05	na		CLAY, grey, orange staining, very firm	
					2.04	na			20
					1.25	na		CLAY, tannish grey, orange staining, very firm	
		0.66			1.44	na			24
					1.44	na		CLAY, lt. brn, orange staining, very firm	
					1.46	na		CLAY, lt. brn, orange staining, very firm	28
					1.70	na		CLAY, grey & orange staining, very firm, Fe nodule @ 1.5'	
		0.70			1.48	na		CLAY, grey & orange staining, firm; Clayey SILT last (0.3') orange, moist	32
					1.30	na		Clayey SILT(32-32.5'), orange brn, moist; Silty CLAY, lt brn, orange stain	
					1.67	na		CLAY, orange(34-35.5'), grey, firm	36
					1.50	na		CLAY, grey, firm, lt. brn, orange staining, firm, Silty CLY lens (36.6-36.8')	
					1.33 1.45 1.62	na		CLAY, lt brn, orange staining, firm, lt brnish grey, orange staining, v. firm	40
					1.63	na		CLAY, lt brnish grey, orange staining, very firm	
					1.71	na		CLAY, lt brnish grey, orange staining, very firm	44
					1.71 1.87	na		CLAY, grey, orange staining, very firm	
					1.26	na		CLAY, grey, orange staining, very firm, greenish tint & slightly silty 47-48'	
					1.60 1.32 0.91	na			48
		0.71			0.74	na		Sandy SILT (48-48.5'), lt. brn, wet; Silty CLAY, lt brn, firm	
									52
									56
									60
									64

Conductivity Probe to 54' bgs.
Sample to 49' bgs.

Set 3/4" pvc well to 50' bgs. Screened 45-50' bgs. Filter sock over screen.
Native material to 47' bgs. Filter sand to 43' bgs. Bentonite pellets to 38' bgs. Grout to surface.

ICON	SOIL CONDUCTIVITY PROBE / BORING LOG DIAGRAM		
Project No.	9403-010-0100	Location (UTM NAD83):	15R E 0506908 N 3327902
Cond Log Date	07APR21	MONITORING WELL DATA	Riser Stickup: 2.05'
Core Sample Date	08APR21	TD (BGS): 50'	Screened Interval (BGS): 45-50'



SAND | Silty SAND; Sandy SILT | SILT; Clayey SILT | Silty CLAY; CLAY

H-27

Interpreted Lithology	Well Construction	EC (mmhos/cm)	SAR (meq)	ESP (%)	Field EC (mS/cm)	PID (ppm)	Core Recovery		
		2.03	8.90	8.76	0.77	na		CLAY, dk grey (0-2'), grey(2-3'), firm, orange stianing(2-3')	0
					3.08	na			4
		3.94	8.22	9.22	3.51	na		CLAY, grey, orange stianing, firm	
		0.97	5.58	10.0	2.70	na			8
		1.27	5.77	7.87	2.00	na		Silty CLAY, tannish grey, firm, brn staining, orange mottling	
		0.90	4.77	7.82	1.63	na			12
					1.15	na		Silty CLAY, tannish grey, firm, soft 12.4-13.5'	
					0.73	na			16
		0.51			0.73	na		Silty CLAY, (16-17'), tannish grey/lt grey, soft; SILT(17-19'), lt grey, wet	
					0.57	na		CLAY, grey & lt brn, firm	20
					1.57	na		CLAY, grey, orange stainnig, firm	
					1.51	na		CLAY, grey & orange stainnig, firm to very firm	24
					1.25	na		CLAY, lt brn, blk stains, very firm	
					1.49	na		CLAY, grey, orange staining, very firm	28
					1.89	na		CLAY, grey, orange staining, very firm, w/ Fe nodules @ 28.1'	
					2.02	na		CLAY, grey, orange staining, very firm	32
					1.85	na		CLAY, grey, orange staining, very firm	
		0.72			1.54	na		CLAY, grey, orange staining, firm	36
					1.54	na		CLAY/Silty CLAY, grey, orange staining, firm	
					1.84	na		CLAY, lt brownish grey, orange staining, firm	40
					2.23	na		CLAY, grey & orange, firm	
					2.11				
					1.81	na		CLAY, grey & orange staining, very firm	44
					1.98				
					1.80	na		CLAY, grey & orange staining, very firm	
					1.33				
					1.59	na		CLAY, grey & orange staining, very firm , lt brn/grey (47-48')	48
					1.65				
					1.69	na		CLAY, lt brn/grey, firm, orange stains	
		1.25			1.33	na		Sandy SILT (50-50.5'), greenish/dk gry, wet; Silty CLY, gry, orange stains	52
									56
									60
									64

Conductivity Probe to 53' bgs.
Sample to 52' bgs.

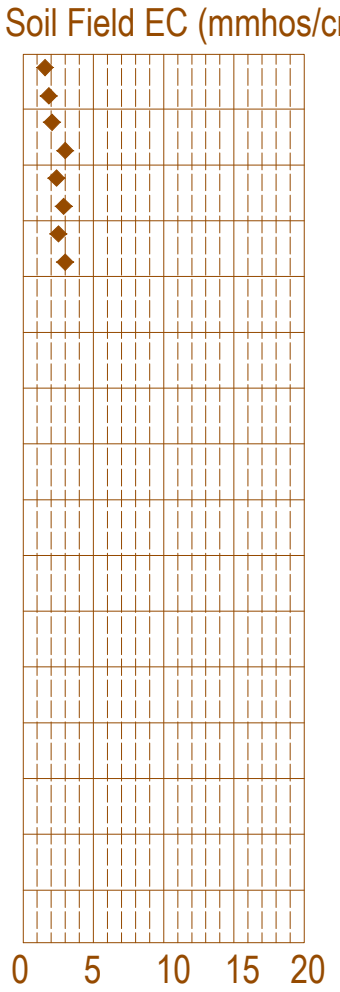
Set 3/4" pvc well to 51' bgs. Screened 46-51' bgs. Filter sock over screen.
Native material to 47' bgs. Filter sand to 44' bgs. Bentonite pellets to 40' bgs. Grout to surface.

ICON ENVIRONMENTAL

SOIL CONDUCTIVITY PROBE / BORING LOG DIAGRAM

Project No.	9403-010-0100	Location (UTM NAD83):	15R E 0507108 N 3327897
Cond Log Date	07APR21	MONITORING WELL DATA	Riser Stickup: 1.80'
Core Sample Date	09APR21	TD (BGS): 51'	Screened Interval (BGS): 41-51'

H-28



Interpreted Lithology	Well Construction	EC (mmhos/cm)	SAR (meq)	ESP (%)	Field EC (mS)	PID (ppm)	Core Recovery		
		1.03	7.52	13.5	1.56	na		CLAY, dk grey, soft to firm, no odor	0
					1.82	na			4
		1.01	7.00	14.2	2.05	na		CLAY, grey, orange staining, firm	8
		1.57	11.2	13.9	2.99	na			
					2.37	na		CLAY, grey, orange staining, very firm, shell hash (8.4-8.9')	12
					2.88	na			
					2.51	na		CLAY, grey, orange staining, very firm	16
		3.82			2.98	na		refusal at 15'	
									20
									24
									28
									32
									36
									40
									44
									48
									52
									56
									60
									64

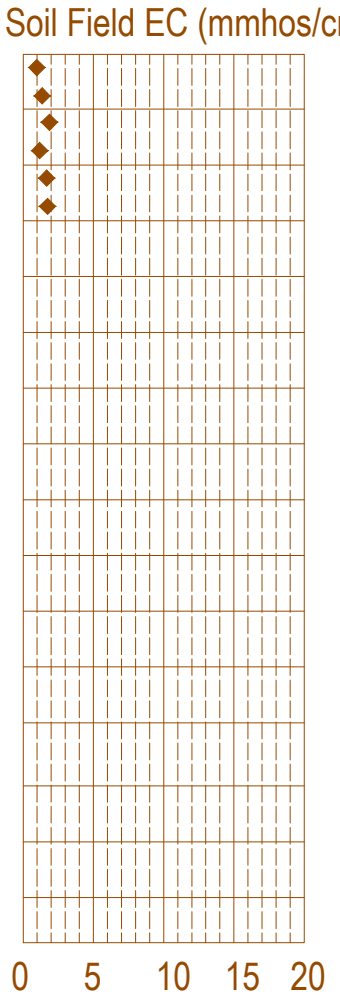
No Conductivity Probe
Sample to 15' bgs.

No well set.

SAND | Silty SAND; Sandy SILT | SILT; Clayey SILT | Silty CLAY; CLAY

ICON	SOIL CONDUCTIVITY PROBE / BORING LOG DIAGRAM	
Project No. 9403-010-0100	Location (UTM NAD83): 15R E 0508643 N 3327822	
Cond Log Date na	MONITORING WELL DATA	Riser Stickup: na
Core Sample Date 12APR21	TD (BGS): na	Screened Interval (BGS): na

H-29



Interpreted Lithology	Well Construction	EC (mmhos/cm)	SAR (meq)	ESP (%)	Field EC (mS)	PID (ppm)	Core Recovery		
		0.68	2.75	2.28	0.97	na		CLAY, brown (0-1.8'), grey w/orange staining (1.8-2.2'), firm	0
					1.35	na			4
		3.18	3.28	1.02	1.87	na		CLAY, grey, orange staining, firm	8
					1.76	na			
		1.18	2.57	2.95	1.67	na		CLAY, brownish orange, some grey, firm, shell hash (10-10.4'),	12
		1.38	2.41	2.57	1.73	na		Ca at 10.8'	16
									20
									24
									28
									32
									36
									40
									44
									48
									52
									56
									60
									64

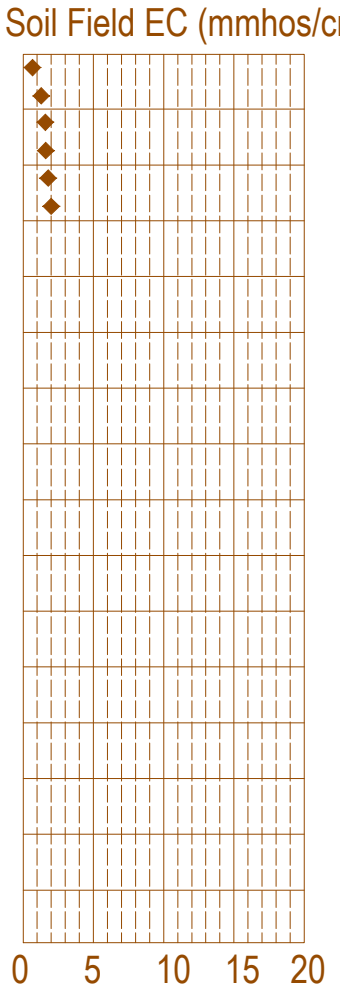
No Conductivity Probe
Sample to 12' bgs.

No well set.

SAND | Silty SAND; Sandy SILT | SILT; Clayey SILT | Silty CLAY; CLAY

ICON	SOIL CONDUCTIVITY PROBE / BORING LOG DIAGRAM	
Project No. 9403-010-0100	Location (UTM NAD83): 15R E 0507897 N 3328049	
Cond Log Date na	MONITORING WELL DATA	Riser Stickup: na
Core Sample Date 12APR21	TD (BGS): na	Screened Interval (BGS): na

H-30



Interpreted Lithology	Well Construction	EC (mmhos/cm)	SAR (meq)	ESP (%)	Field EC (mS)	PID (ppm)	Core Recovery		
		3.08	2.62	0.87	0.66	na		CLAY, brn (0-0.5'), grey, orange staining, firm	0
					1.28	na			4
		3.67	3.13	2.40	1.58	na		CLAY, grey, orange stianing, very firm, Ca (4-4.5')	8
					1.61	na			
		1.32	3.08	3.99	1.78	na		CLAY, brownish orange, some grey, very firm, shell hash (0.1-0.6'),	12
		1.52	3.23	3.20	1.99	na		Ca @ 11'	16
									20
									24
									28
									32
									36
									40
									44
									48
									52
									56
									60
									64

No Conductivity Probe
Sample to 12' bgs.
No Well Set.

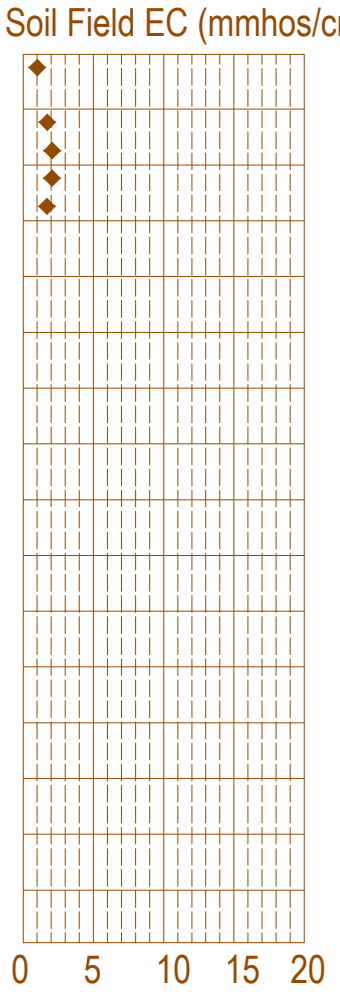
SAND | Silty SAND; Sandy SILT | SILT; Clayey SILT | Silty CLAY; CLAY

ICON

SOIL CONDUCTIVITY PROBE / BORING LOG DIAGRAM

Project No.	9403-010-0100	Location (UTM NAD83):	15R E 0507878 N 3328049
Cond Log Date	na	MONITORING WELL DATA	Riser Stickup: na
Core Sample Date	12APR21	TD (BGS): na	Screened Interval (BGS): na

H-31



Interpreted Lithology	Well Construction	EC (mmhos/cm)	SAR (meq)	ESP (%)	Field EC (mS)	PID (ppm)	Core Recovery		
		0.99	4.90	2.67	1.0	na		CLAY, dk grey, firm	0
						na			4
		0.76	2.65	2.87	1.72	na		CLAY, grey, orange staining,firm	8
					2.06	na			
		1.53	1.71	1.89	2.05	na		CLAY, grey(8-8.6')(10-11.7'), brownish orange(8.6-10') orange staining;	12
		1.53	2.02	1.75	1.69	na		shell hash (10-11'), firm	16
									20
									24
									28
									32
									36
									40
									44
									48
									52
									56
									60
									64

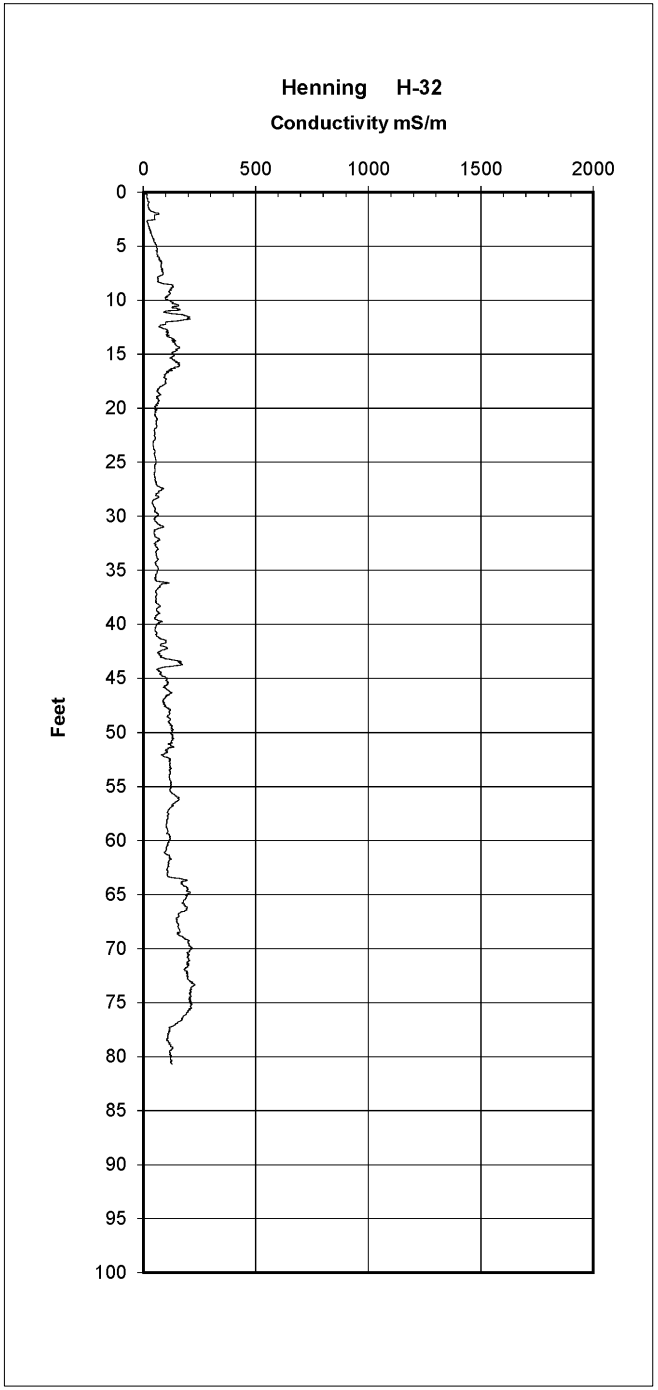
No Conductivity Probe.
Sample to 12' bgs.
No Well Set.

SAND | Silty SAND; Sandy SILT | SILT; Clayey SILT | Silty CLAY; CLAY

ICON

SOIL CONDUCTIVITY PROBE / BORING LOG DIAGRAM

Project No.	9403-010-0100	Location (UTM NAD83):	15R E 0507826 N 3328065
Cond Log Date	na	MONITORING WELL DATA	Riser Stickup: na
Core Sample Date	12APR21	TD (BGS): na	Screened Interval (BGS): na



H-32

Interpreted Lithology	Well Construction H-32A	Well Construction BG-32B	EC (mmhos/cm)	SAR (meq)	ESP (%)	Field EC (mS)	Core Recovery		
						0.72		Silty CLAY, brown w/ red, stiff, rootlets @ top, nodules	0
			0.4	3.45	2.17	0.48			4
			0.48	3.86	3.58	0.93		CLAY, gray w/ orange & red, stiff	
						1.39			8
			0.75	4.71	5.01	1.52		CLAY, brown w/ orange, stiff, Ca nodules @ bottom	
			0.61	3.44	6.14	2.70			12
						2.48		CLAY, gray w/ orange, stiff, Ca nodules; Silt lens (1.5-2.1') wet	
						2.31		CLAY, gray/brown, stiff, Ca nods	16
						1.54		Silty CLAY, gray w/ brown, med soft	
			0.57			1.71		Silty CLAY, gray, med soft; Clayey SILT bottom 1', red/brown, moist	20
						1.23		Clayey SILT, red/brown, soft, damp to wet	
						0.84		SILT, red/brown, soft, wet	24
						0.87		SILT, red/brown, soft, wet	
						0.61		SILT, red/brown, soft, wet	28
						0.86		SILT, red/brown, soft, wet, w/ clay lens @ (1.4-1.9')	
						0.84		SILT, red/brown, wet, soft	32
						1.00		SILT to Clayey SILT, red/brown, wet @ top	
						0.81		SILT, red/brown, wet	36
						0.95		SILT, red/brown, wet; clay lenses throughout	
						0.87		SILT, red/brown, wet; clay lenses throughout	40
						0.95		SILT, red/brown, wet; clay lenses throughout	
						1.04		SILT top 2', wet; Clay 2-2.7'; Clayey SAND, gray	44
						1.53		SAND top 3', wet, med grain, Silty CLAY, gray, stiff	
						1.67		SAND top 1',gray, wet, med grain, Silty CLAY, gray, med soft	48
			0.86			1.60		CLAY, gray, stiff, wood	
									52
									56
									60
									64
									68
									72
									76
									80
									84
									88
									92
									96
									100

Conductivity Probe to 80' bgs.
Sample to 50' bgs.

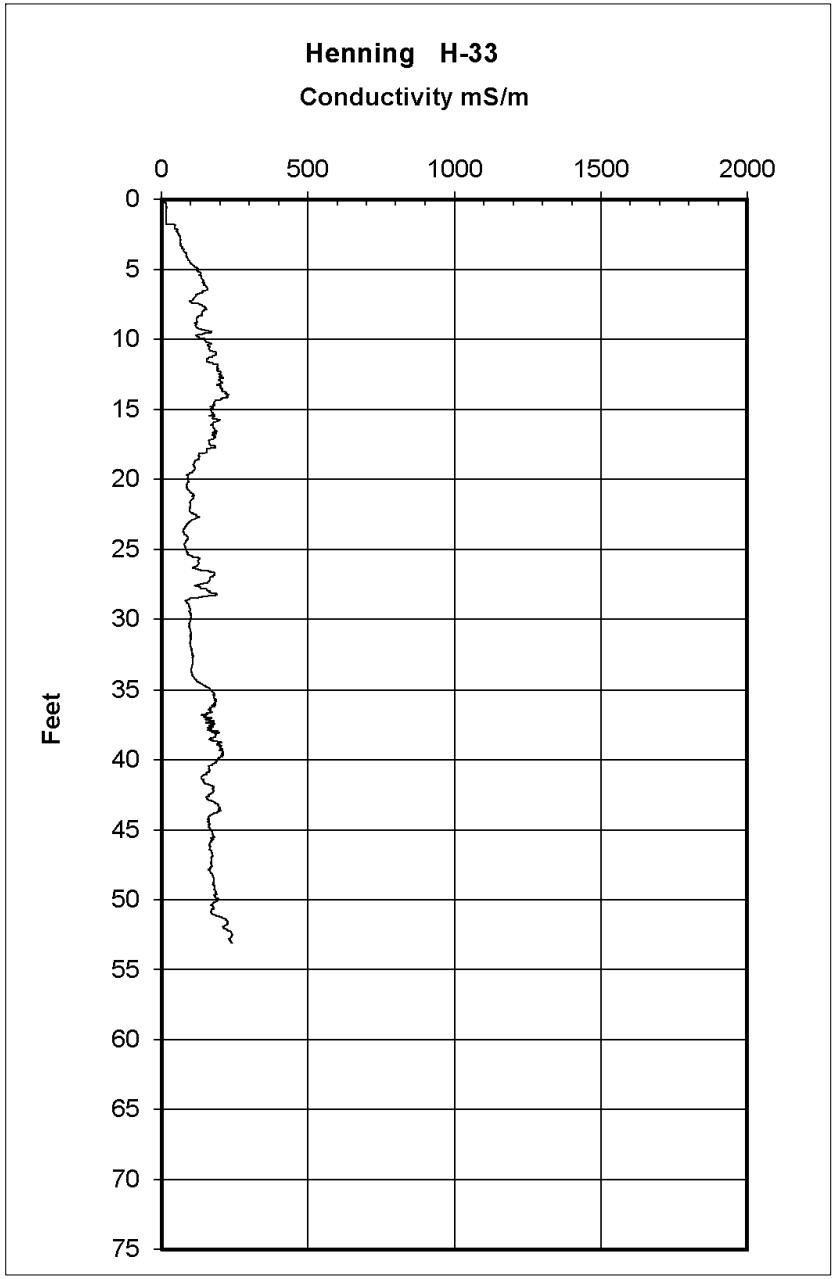
H-32A Set 3/4" pvc well to 30' bgs. Screened 20-30' bgs. Filter sock over screen.
Native material to 20' bgs. Filter sand to 19' bgs. Bentonite pellets to 16' bgs. Grout to surface.

H-32B Set 3/4" pvc well to 50' bgs. Screened 40-50' bgs. Filter sock over screen.
Native material to 23' bgs. Bentonite pellets to 20' bgs. Grout to surface.

SAND | Silty SAND; Sandy SILT | SILT; Clayey SILT | Silty CLAY; CLAY

ICON — SOIL CONDUCTIVITY PROBE / BORING LOG DIAGRAM

Project No.	9403-010-0100	Location (UTM NAD83):	15R E 0510598 N 3327475
Cond Log Date	18AUG21	MONITORING WELL DATA	Riser Stickup: Flush
Core Sample Date	17AUG21	TD (BGS): 30' 50'	Screened Interval (BGS): 20-30', 40-50'



SAND | Silty SAND; Sandy SILT | SILT; Clayey SILT | Silty CLAY; CLAY

H-33

Interpreted Lithology	Well Construction	EC (mmhos/cm)	SAR (meq)	ESP (%)	Field EC (mS)	PID (ppm)	Core Recovery		
					0.26	na		Silty CLAY, gray/brown, med soft, rootlets @ top	0
		0.48	3.11	2.31	0.52	na			4
					0.99	na		CLAY, gray w/ orange, med soft, trace silt @ bottom	
		0.85	4.98	6.15	2.01	na			8
		0.78	4.61	7.24	1.62	na		CLAY, gray w/ orange, very stiff, Ca nodules	
		0.85	5.27	7.43	2.33	na			12
					2.17	na		CLAY, gray w/ orange, very stiff, Ca nodules	
					2.27	na			16
		1.93			2.61	na		CLAY, gray w/ orange, very stiff, Ca nodules	
					1.59	na		Silty CLAY, gray, med soft	20
					1.20	na		Clayey SILT top 2', brown, damp; Silty CLAY, stiff, brown	
					1.74	na			24
					na	na		no recovery; flow-in/ stuck liner	
					na	na			28
					na	na		no recovery; flow-in/ stuck liner	
					na	na			32
					1.33	na		Silty CLAY, brown, med soft	
					1.46	na		Silty CLAY, brown, stiff	36
					2.33	na		Silty CLAY, brown, stiff, w/ Ca nodules	
					2.53	na		CLAY, brown/red, stiff	40
									44
									48
									52
									56
									60
									64

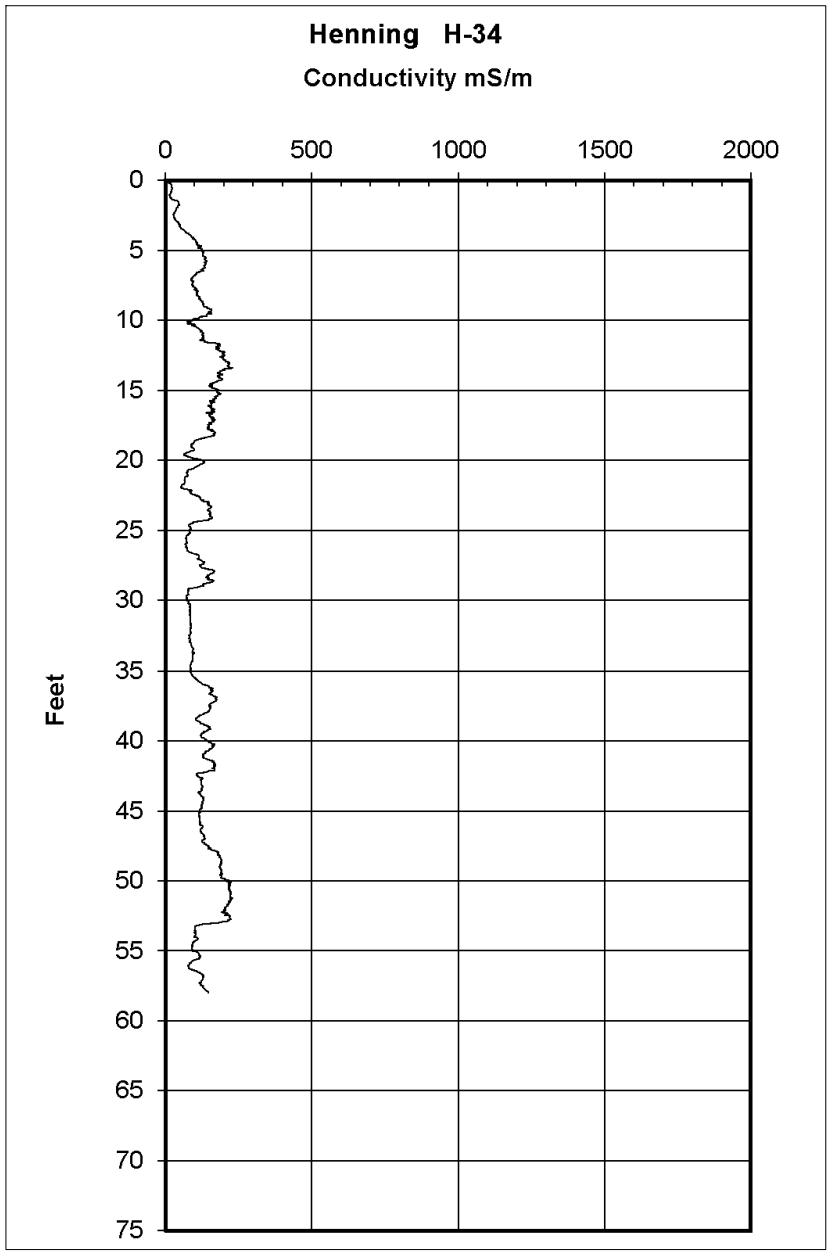
Conductivity Probe to 52' bgs.
Sample to 38' bgs.

Set 3/4" pvc well to 30' bgs. Screened 20-30' bgs. Filter sock over screen.
Native material to 22 bgs. Filter sand to 18' bgs. Bentonite pellets to 15' bgs. Grout to surface.

ICON ENVIRONMENTAL

SOIL CONDUCTIVITY PROBE / BORING LOG DIAGRAM

Project No.	9403-010-0100	Location (UTM NAD83):	15R E 0510601 N 3327159
Cond Log Date	19AUG21	MONITORING WELL DATA	Riser Stickup: na
Core Sample Date	18AUG21	TD (BGS): na	Screened Interval (BGS): na



SAND | Silty SAND; Sandy SILT | SILT; Clayey SILT | Silty CLAY; CLAY

H-34

Interpreted Lithology	Well Construction	EC (mmhos/cm)	SAR (meq)	ESP (%)	Field EC (mS)	PID (ppm)	Core Recovery		
					0.17	na		Silty CLAY, brown with red, med soft to stiff	0
		0.78	2.70	1.47	0.49	na			4
		0.59	4.33	4.35	1.38	na		CLAY (4-5.7') gray with orange, med soft; silty CLAY, gray w/ orange	
		0.81	4.45	3.23	1.11	na		soft	8
					0.78	na		Silty CLAY, gray with red and orange, Ca nodules, Sand lens (8.8-9.2')	
		0.81	3.70	2.45	2.20	na		damp	12
					2.33	na		CLAY, gray with orange, stiff	
					2.02	na			16
		0.54			2.16	na		CLAY gray, stiff	
					1.04	na		Clayey SILT lens (2.7-3.4'), wet	20
					0.97	na		Clayey SILT, wet, brown	
					1.70	na		CLAY (22-24') red/brown, stiff, Ca nodules	24
					0.99	na		SILT, red/brown, soft, wet, Ca Nodules	
					1.64	na		CLAY (26-28') red/brown, stiff	28
		0.61			2.01	na		CLAY (28-30') red to tan, stiff to med soft	
									32
									36
									40
									44
									48
									52
									56
									60
									64

Conductivity Probe to 56' bgs.
Sample to 30' bgs.

Set 3/4" pvc well to 28' bgs. Screened 18-28" bgs. Filter sock over screen.
Native material to 19' bgs. Filter sand to 17' bgs. Bentonite pellets to 14" bgs. Grout to surface.

ICON

SOIL CONDUCTIVITY PROBE / BORING LOG DIAGRAM

Project No.	9403-010-0100	Location (UTM NAD83):	15R E 0510599 N 3326858
Cond Log Date	20Aug21	MONITORING WELL DATA	Riser Stickup: 0.75'
Core Sample Date	19AUG21	TD (BGS): na	Screened Interval (BGS): 18-28'